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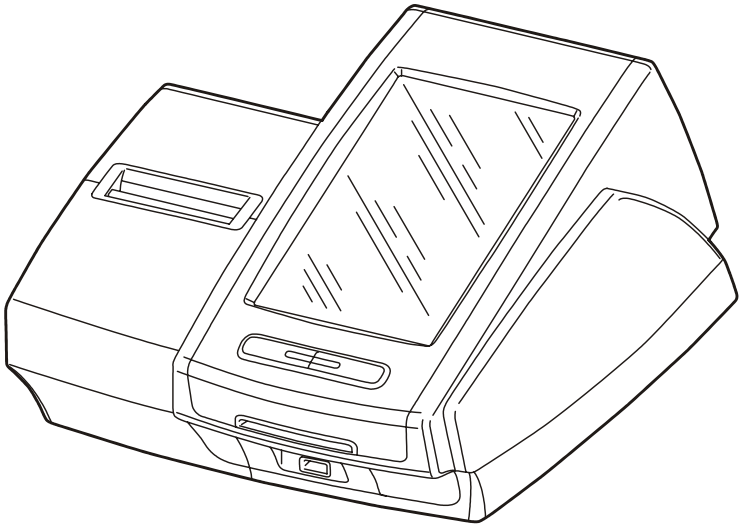

NETTUN@3000 int'l

CASH REGISTER

USER'S GUIDE

Publication issued by:

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This manual describes the CRF3000 cash register sold with the name NETTUN@3000 $^{int'l}$, and provides information of a general nature necessary for using the cash register for the first time.

For more detailed information on how to use the cash register functions, a Programming manual can be downloaded from the Olivetti site (www.olivetti.com) that contains detailed information on programming the settings.

The manufacturer reserves the right to carry out modifications to the product described in this manual at any time without any notice.

The quality requirements of this product are attested through display of CE marking on the product.

Your attention is drawn to the following actions which could compromise the conformity attested to above and also product characteristics:

- incorrect power supply;
- incorrect installation, incorrect or improper use or use not in compliance with the warnings provided in the User's Manual furnished with the product;
- replacement of original components or accessories with others of a type not approved by the manufacturer, or performed by unauthorised personnel

User Safety

Connect the machine to a nearby and readily accessible current outlet.
Access the print unit area only to replace accessories. Do not use the machine above or close to sources of heat (e.g. radiators) or very close to water (e.g. swimming-pools or showers).
To effectively disconnect the appliance, remove the plug of the power cord from the current outlet. To clean the machine, disconnect it from the current outlet, use a damp cloth. Do NOT not use corrosive liquids.

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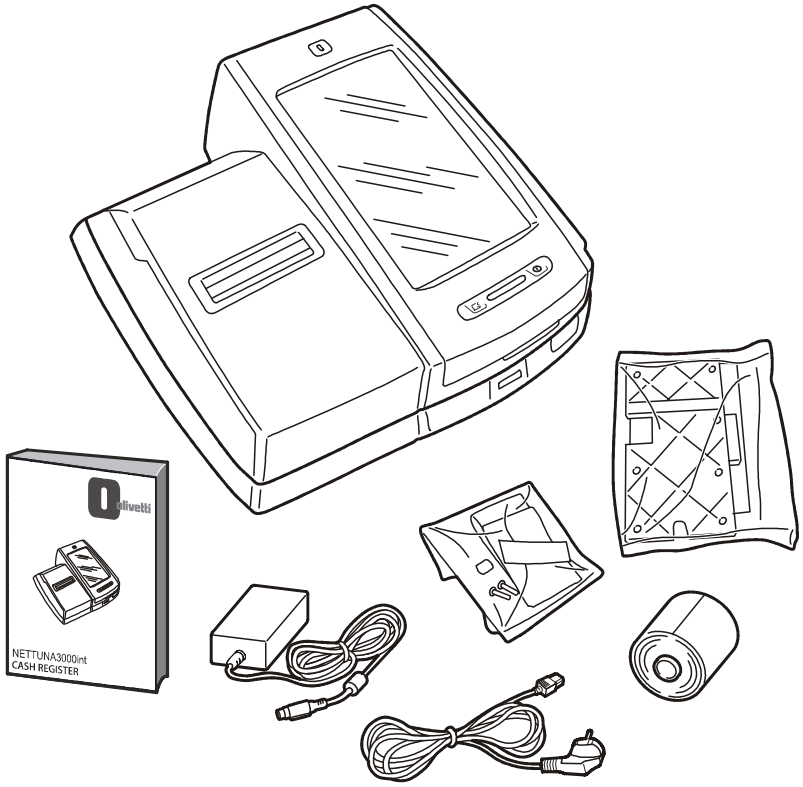
1. INSTALLING THE CASH REGISTER

PACKAGE CONTENTS

The cash register is supplied in a single package containing the following components:

- Cash register
- External power unit with power cord
- Manual providing operating instructions
- Electronic journal inside the cash register
- Drawer fixing kit

Note: *The electronic journal is loaded on the cash register.*



INSTALLATION

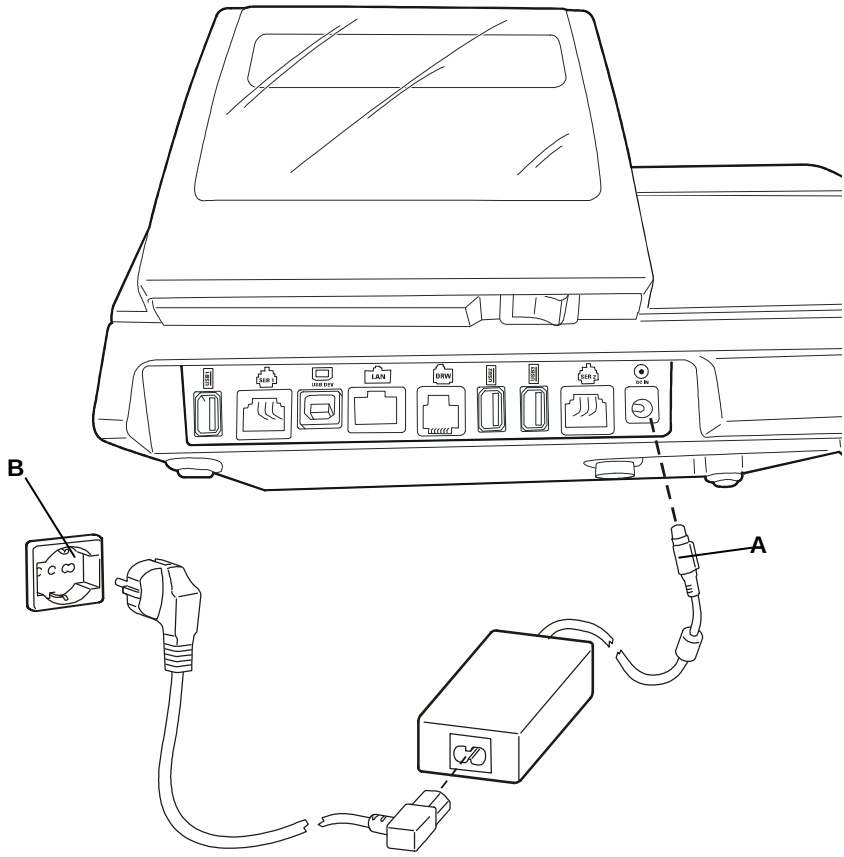
The steps to install the cash register are as follows:

- *Connect the cash register to an electricity supply*
- *Powering on the cash register*
- *Insert the paper roll*
- *Connect the drawer (not indispensable for general use)*
- *Connect the external peripherals (not indispensable for general use).*

WARNING: ***For the cash register to be operational, the paper roll and electronic journal must be inserted correctly.***

CONNECTING THE CASH REGISTER TO THE POWER SUPPLY

Connect the external power unit first to the cash register (**A**) and then to the 220V mains supply (**B**).



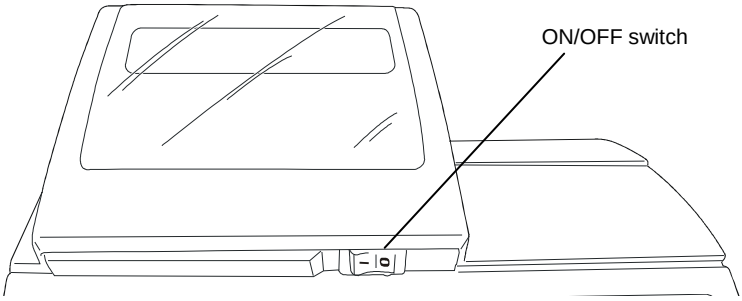
General Warnings:

- Do not insert foreign bodies into the cash register.
- If the cash register is to remain unused for a long period, disconnect it from the mains power.
- To disconnect the appliance from the electrical supply, remove the plug from the mains electrical socket; the electrical socket used must be easily accessible and located near the appliance.
- The appliance is certified as safe to use and compliant with standards only if used with one of these types of power unit:
  - Power supply: 100 – 240 Volt , 1.8 A - 50-60 Hz – external power unit model: 24 Volt +/- 3%, 3 A F10722-A (included in packaging).

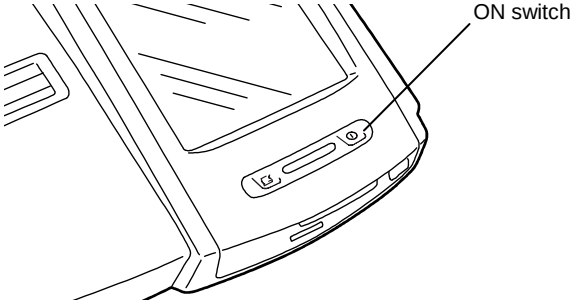
POWERING ON THE CASH REGISTER

The cash register is equipped with an ON/OFF (I/O) switch to the rear and an ON/OFF button on the front panel:

1. Press the ON/OFF switch turning this to the **(I)** position.



2. Press the ON/OFF button **for approx.** 4 seconds.



Pressing the button, the cash register switches on and, after a short time, the sales environment is displayed and the cash register is ready to operate.

When the cash register is ON (button lit), it can be powered off by pressing this around 4 seconds. ***If there are no operations in course***, power-off is activated. If, during the power-off phase, the cash register is in an operating state in which power-off is not permitted, a warning message is displayed to alert the user that power-off is not permitted. In this case, the user must first of all complete the current operating procedure and then press the ON/OFF button (for around 4 seconds) to switch off the cash register.

After a period of inactivity, the cash register switches to standby and the display switches off (the time can be set by the user using a SET command); simply tap the touch screen to return to the register to operating mode.

WARNING: position the external power unit in a well-ventilated area at a distance from sources of heat.

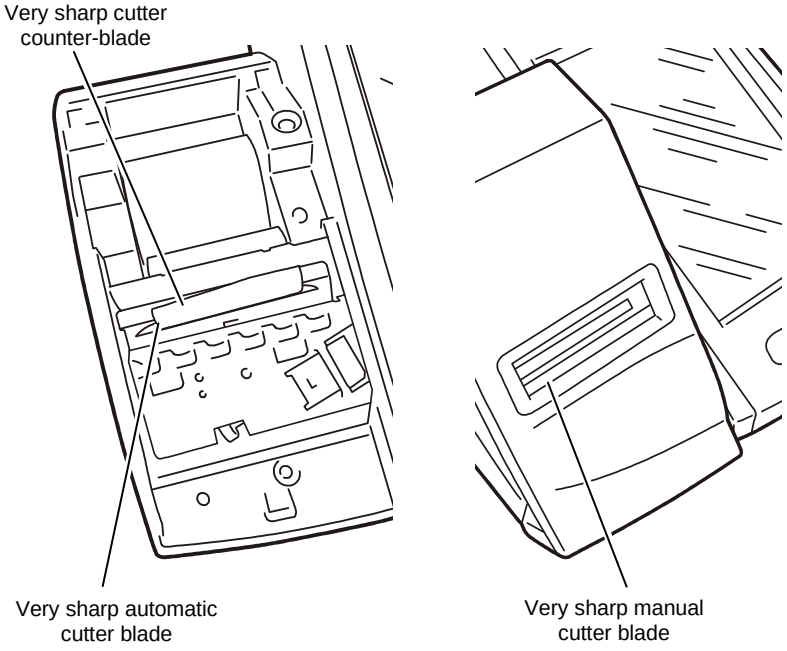
INSERTING PAPER

WARNING: **Only Mitsubishi F5041 thermal paper should be on the cash register. Different types of thermal paper, especially paper that is too thin, could result in incorrect advancement of the ticket. The writing and logos on the back of the ticket also must not be visible on the front due to the transparency of the paper.**

SAFETY PRECAUTIONS AND GENERAL STANDARDS OF USE

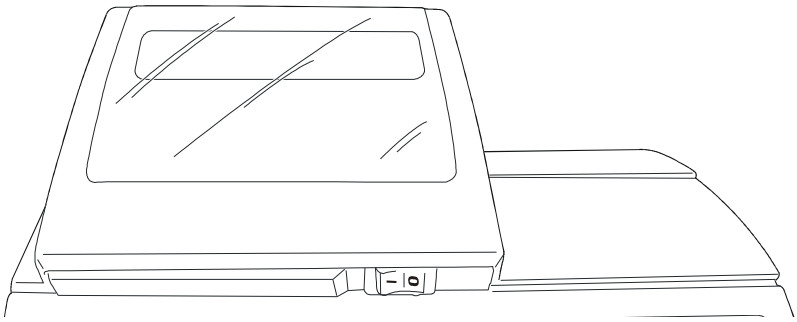
Note: read this section carefully before using the product.

- Check that the electrical data of the cash register (230 V AC, 50/60 Hz) match those of the mains supply.
- Connect the cash register to a compliant electrical system.
- Never expose the printer to direct sunlight, water, sources of heat or install this in damp or very dusty environments.
- In the case of smoke, odours, or unusual noises, disconnect the product from the mains and contact Technical Assistance.
- To avoid the risk of injury, do not touch the parts indicated in the figure below:



- Do not pull the paper from the outfeed slot when the cover of the cash register is closed.

- Do not open the cover of the cash register during printing.
- Do not carry out any operations on the cash register except for the troubleshooting procedures.
- Do not try to disassemble or modify the product.
- Do not insert foreign objects in the cash register.
- If the cash register is left unattended for long periods, disconnect the plug from the mains.
- To cut off the power supply to the appliance, use the I/O switch on the back, tuning this to the “O” position.

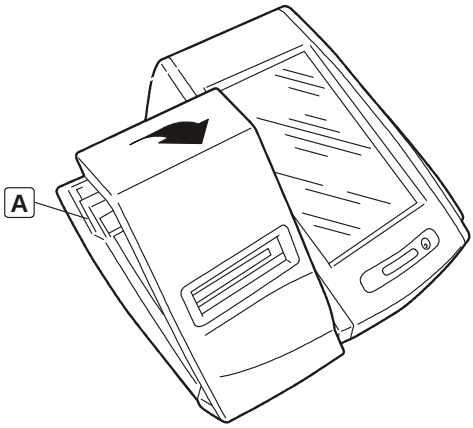
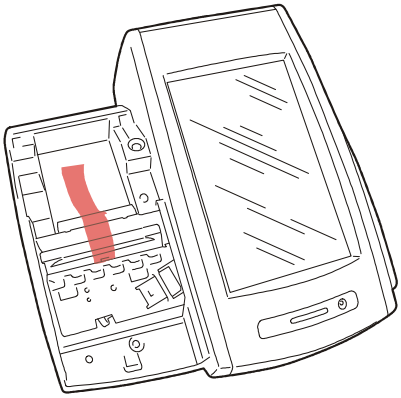
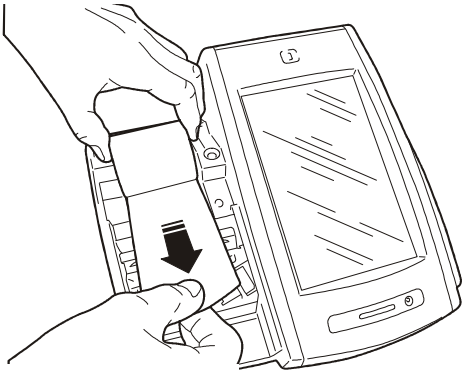


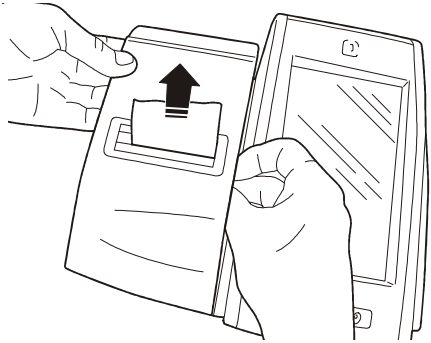
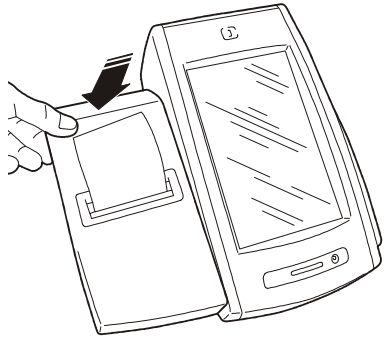
- The appliance is considered safe to use and compliant with standards only if used with the following power units:

- Power supply: 100 – 240 Volt , 1,8 A - 50-60 Hz – Average power absorbed: 8 W external power supply unit: 24 Volt +/- 3%, 3 A F10722-A (included in packaging).

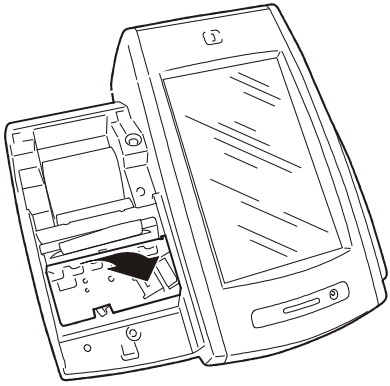
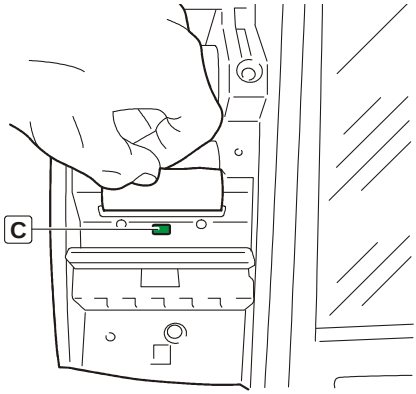
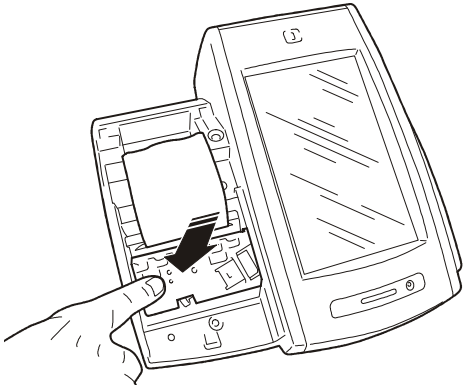
WARNING: ***for the cash register to be operational, the paper roll and electronic journal must be inserted correctly.***

LOADING THE PAPER ROLL

1. Open the cover of the printer exerting leverage in indent **A** and lifting it up.	
2. Remove the protective tape (only for first time installation.	
3. Holding the paper roll as indicated in the figure, unwind approximately 25 cm of paper and then insert the roll in its housing in the printer taking care to hold the part of the paper unwound.	

4. Insert the paper unwound in the specific slot. The paper is loaded automatically. It is advisable to hold the end of the paper roll during the loading phase.	
5. Insert the part of the paper unwound in the slot of the upper cover of the printer.	
6. Close the upper cover of the printer. Check that the cover is firmly closed on both sides (you should hear the click of the closing mechanism).	
7. Extract the unwound paper and cut this with the manual cutter.	

REPLACEMENT OF THE PAPER ROLL / REMOVAL OF PAPER JAM

1. After raising the upper cover, lift the cutter unit.	
2. Press button (C) to retract the printhead from the print unit. Remove paper residue or extract the finished or jammed ticket roll.	
3. Close the cutter unit.	

To replace the paper roll, follow the insertion procedure and then read the “Paper roll insertion” paragraph from point 5 onwards.

PRINTER WARNINGS

Out of paper (ticket) Notifies that the roll of thermal paper is completely finished. When this condition occurs, printer operation halts.

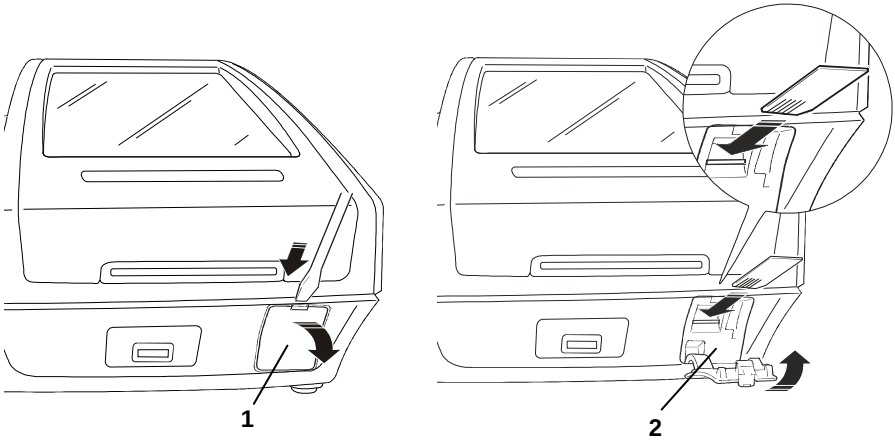
Cover open The cash register indicates that the cover of the printer compartment is open or not closed correctly.

Note: Certain types of paper roll warn of the approaching end with a coloured band (normally red) appearing on one side of the paper.

INSERTING THE ELECTRONIC JOURNAL

The electronic journal must be inserted and removed with the cash register powered off.
To avoid the risk of damage to the electronic journal or machine malfunctions, some of which can be resolved only with the assistance of the Technical Services, the electronic journal must be used according to the indications provided in this manual.

Proceed as follows
Open the hatch (**1**) and insert the electronic journal in the insertion slot (**2**) until it clicks into place, then close the hatch.
Note: the hatch can only be opened using a flat screwdriver with a fine point or similar tool.
Note: the card can be inserted only in one direction (the contacts of the card must face down); do not force the card as this could damage it.

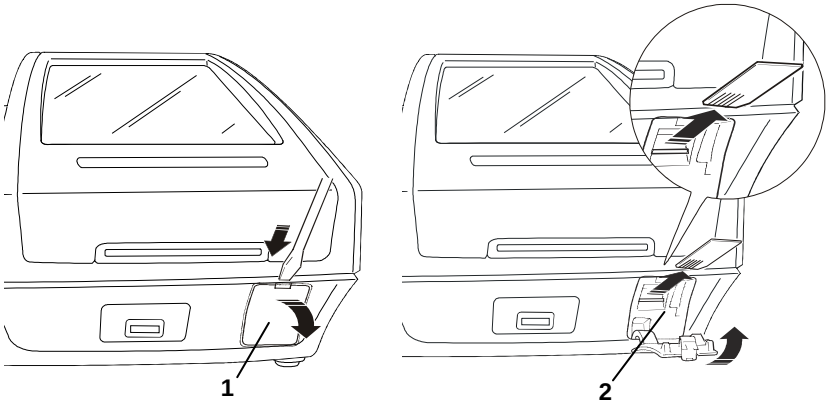


INITIALISING THE ELECTRONIC JOURNAL

The cash register automatically detects the electronic journal inserted. When a new card is inserted, the cash register requests activation of the initialisation procedure. In this case, follow the instructions displayed on the screen to initialise the electronic journal correctly.
If an electronic journal that has already been used is inserted (e.g. a file card) or a card used on another cash register, only read operations are possible.

REMOVING THE ELECTRONIC JOURNAL

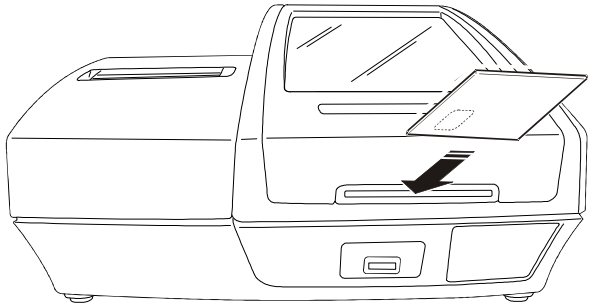
Open the hatch (**1**) and push the card until it is ejected (**2**).



Cards must be filed and preserved according to current filing regulations.

NOTE: Cards must be preserved in an area in which ambient temperature range is between –40°C and 85°C, and humidity between 8% and 95%.

INSERTION OF THE CHIPCARD



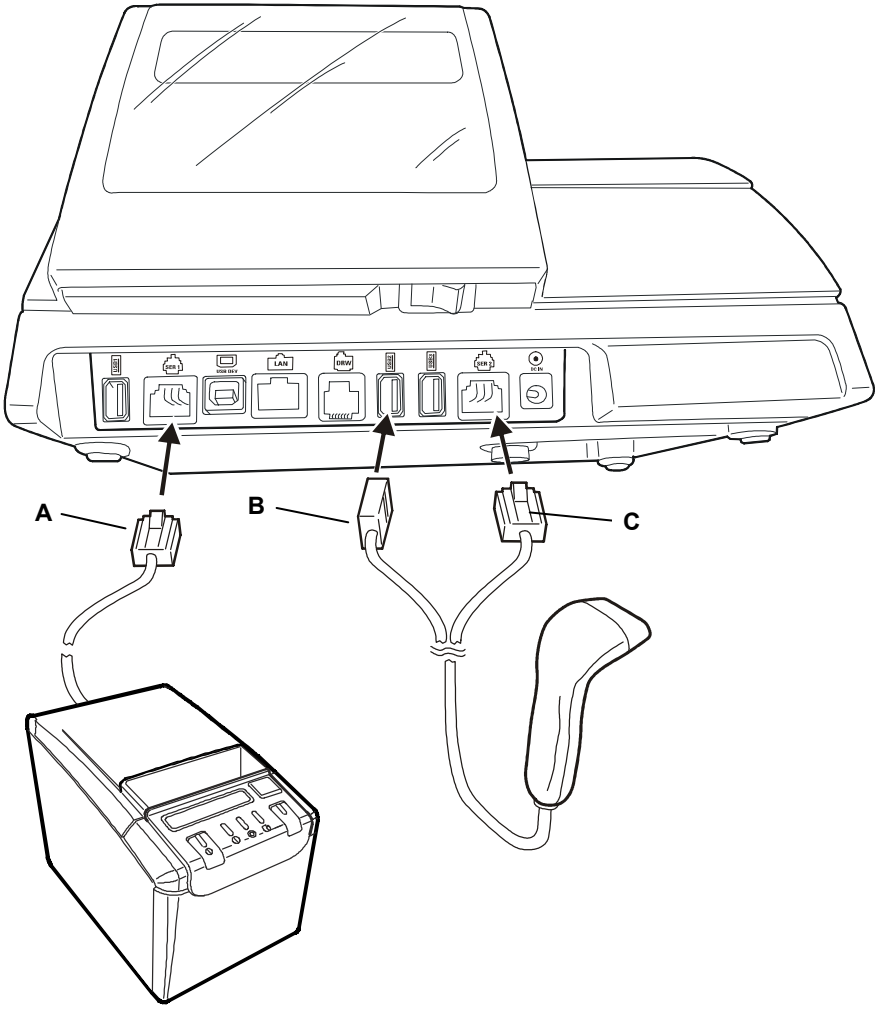
WARNING: **the card must be inserted with the chip facing down.**

WARNING: **chipcards generally available on the market cannot be used on the cash register; use only specific cards furnished by authorised centres.**

WARNING**: the chipcard must be removed only and exclusively when the function that uses the chip card (for example, withdrawal, payment, etc.) has been completed, i.e. when the ticket of the operation has been printed.**

CONNECTING EXTERNAL PERIPHERALS

The devices most frequently connected are: Personal Computer, Barcode reader able to handle the following codes: UPC A / UPC-E, EAN 13 / EAN 8, Code 39 (length 5-32), “Olivetti PR4 SL” Slip Printer, “Epson TM 290/295”, “Star SP 298”, “Olivetti PRT100 Marker”, Drawer, Management data acquisition/processing devices.



CONNECTING AN EXTERNAL PRINTER (OPTIONAL)

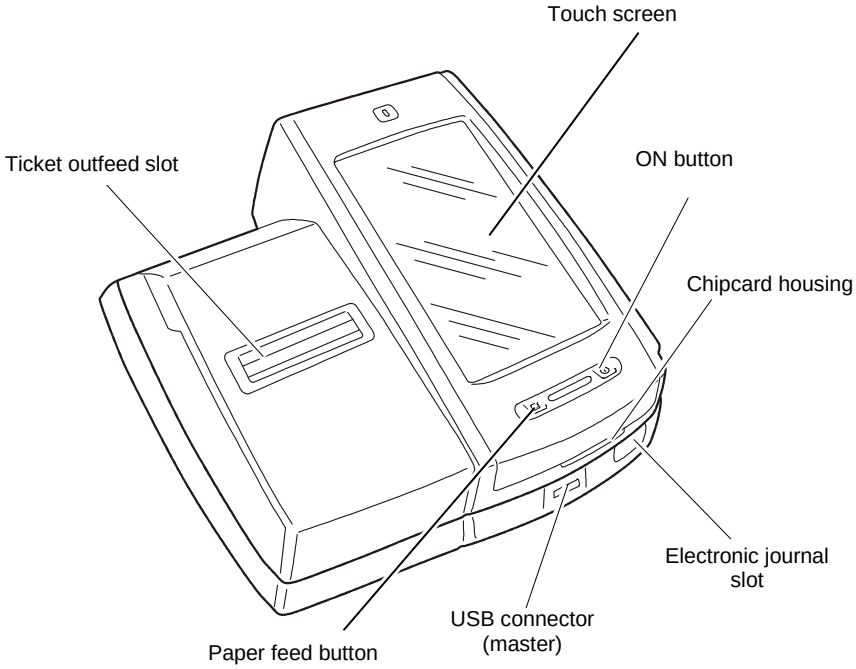
If you want to use an external printer purchased separately (such as an “Olivetti PR4 SL” or “Olivetti PRT100 Marker” model), ensure that the printer connector is of serial type. According to your model, connect the printer to the serial connector **A**.

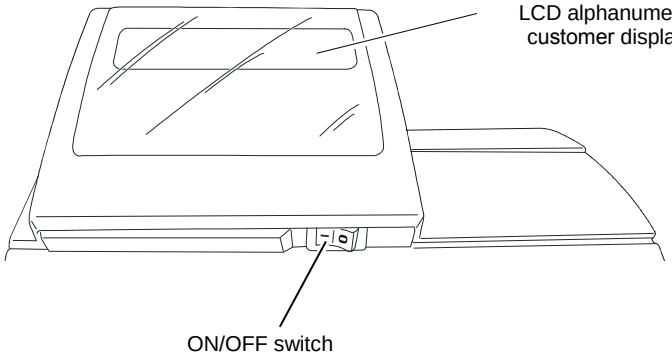
CONNECTING A BARCODE READER (OPTIONAL)

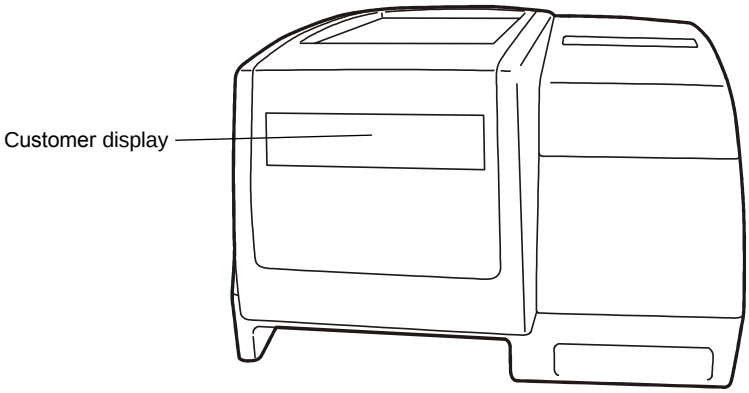
If you want use a barcode reader purchased separately, check the type of connector it uses (USB or serial). The Barcode readers supported can handle the following codes: UPC A / UPC-E, EAN 13 / EAN 8, Code 39 (length 5-32). According to your model, connect to connector **B** or **C**.

2. CASH REGISTER MAIN COMPONENTS

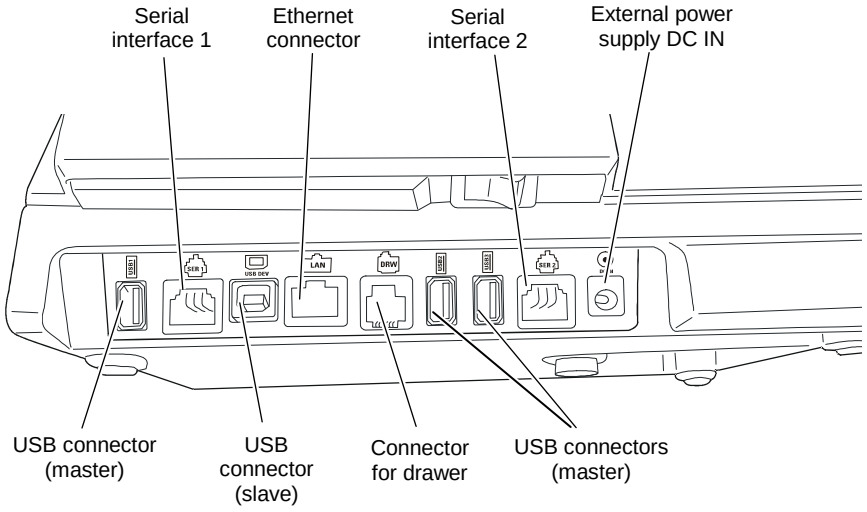
MAIN COMPONENTS





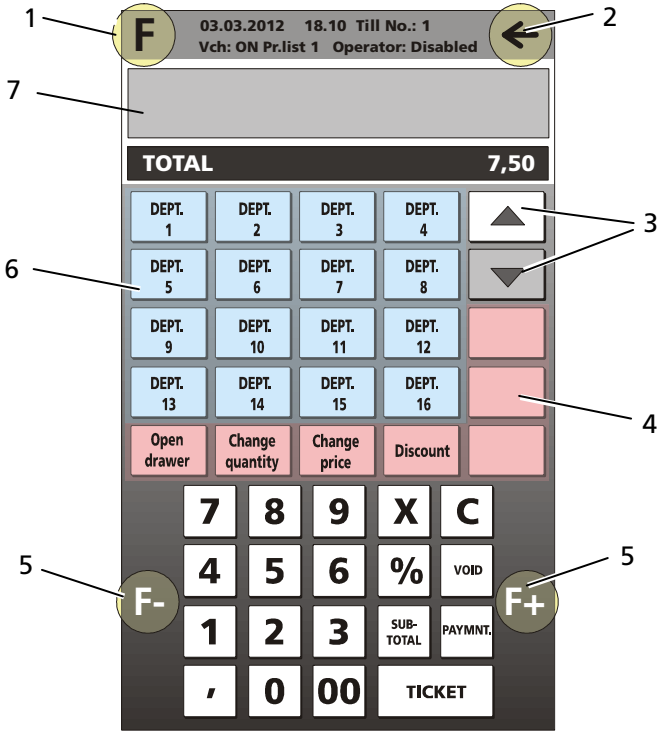


CONNECTIONS

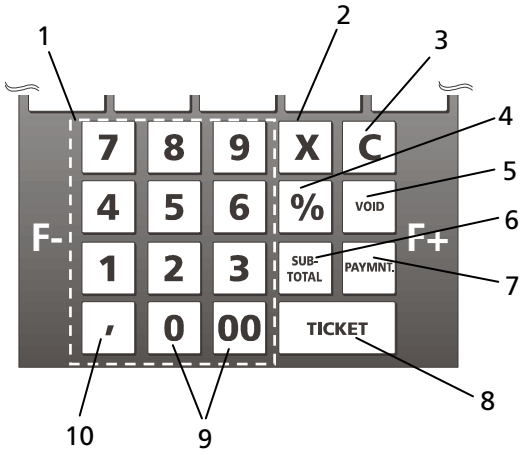


USING THE TOUCH SCREEN

Using the touch screen you can interact with the cash register and use all its functionalities.



Ref.	Description
1	**Functions key:** to access functions not available on the main screen.
2	← : to return to the previous screen page.
3	**Next/Previous keys:** to pass to the previous or next department or PLU.
4	**Programmable keys area:** you can assign different functions from the factory configuration to these keys. The functions of these keys vary in cyclical mode pressing keys **F -** and **F +.**
5	**F - , F +:** to display the other functions programmed on the programmable keys (area 4).
6	**Department/PLU keys:** keys associated with item sales.
7	Area of the screen where the ticket is displayed showing the list of the items purchased and other types of information entered for the ticket (alphanumerical description, customer codes etc.). Sales functions (such as discounts, voids etc.) can be applied to an item by first selecting the item with a touch, and then selecting the function required

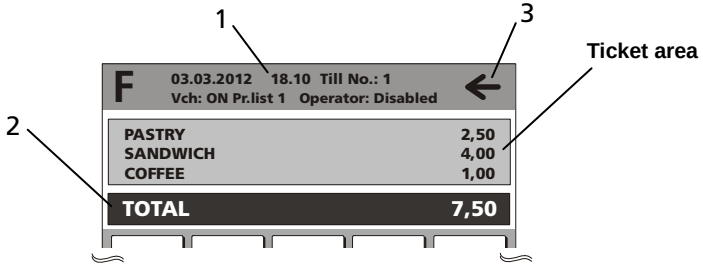


Ref.	Description
1	**Numeric keys** from 0 to 9: used for entering amounts and codes.
2	**[X] key** confirms the characters entered in the field reserved for the ticket total.
3	**[C] key:** deletes erroneous data entered and can be used to recover from an error condition.
4	**% key** pressed before either **[Markup]** or **[Discount]** keys calculates the value after applying a percentage markup or discount.
5	**Void:** deletes the last sales transaction or the one selected in the ticket shown on the screen.
6	**Subtotal:** during a sale, displays the partial total on the ticket shown on the screen, and the number of transactions executed. Pressed twice in quick succession displays the number of the items sold.
7	**Payment key:** displays the types of payment accepted by the cash register.
8	**Ticket :** processes a cash tender payment and closes the transaction.
9	**0** and **00 keys:** used for entering, respectively, 0 and 00.
10	**Comma key:** enters a comma as the decimal separator when entering prices for sales items.

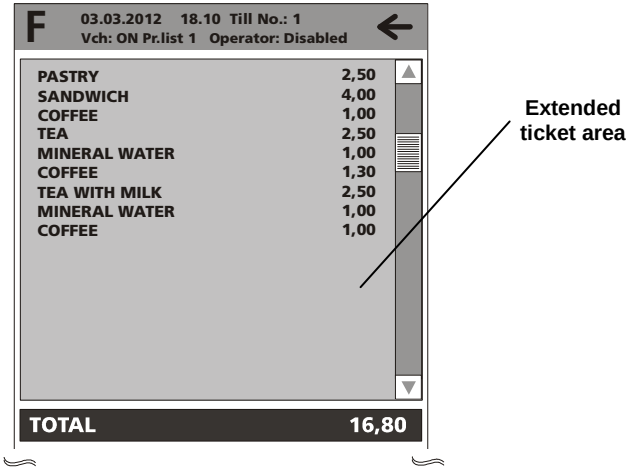
TICKET AREA ON THE SCREEN

The virtual ticket allows the operator to configure a ticket on the display prior to confirmation and printing. The list of articles on sale and all other information inserted on the ticket (alphanumeric description, VAT No. of the customer, etc.) can be shown on the display.
Sales functions (such as discounts, voids etc.) can be applied to an item by first of all selecting the item with a touch, and then selecting the function required.

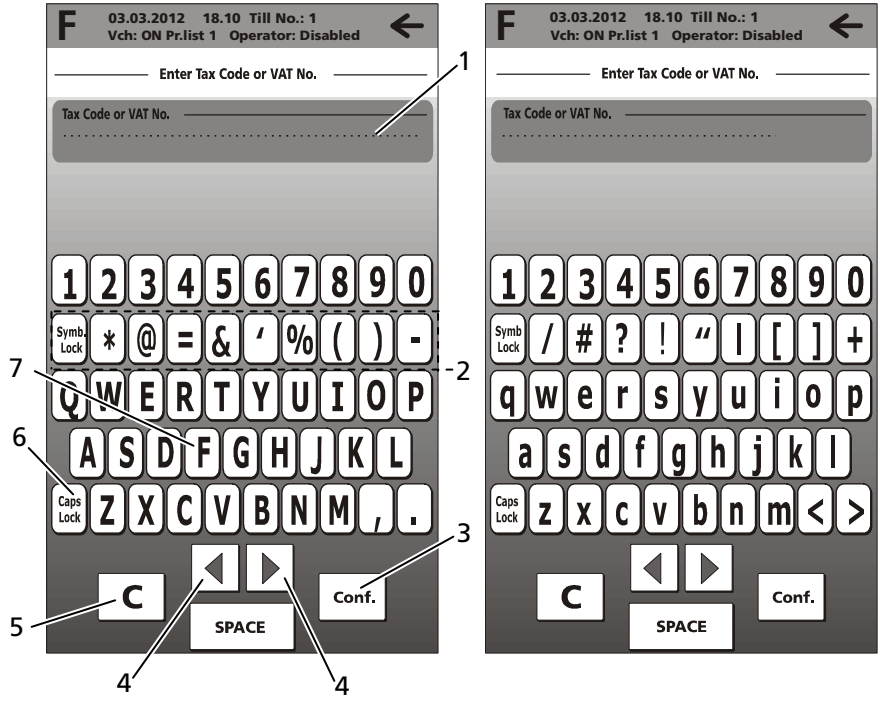
Touching the ticket area, this expands and shows the detail of the information regarding the ticket.



Ref.	Description
1	Area dedicated to general information such as operator selected, pricelist, operation in course (e.g. CREDIT, etc.) or the table selected.
2	Area dedicated to display of the total of the sale relating to the item displayed on the virtual ticket or the introduction of other parameters such as “code of the article” to be sold.
3	To return to the unexpanded virtual ticket.



USING THE ALPHANUMERIC KEYPAD



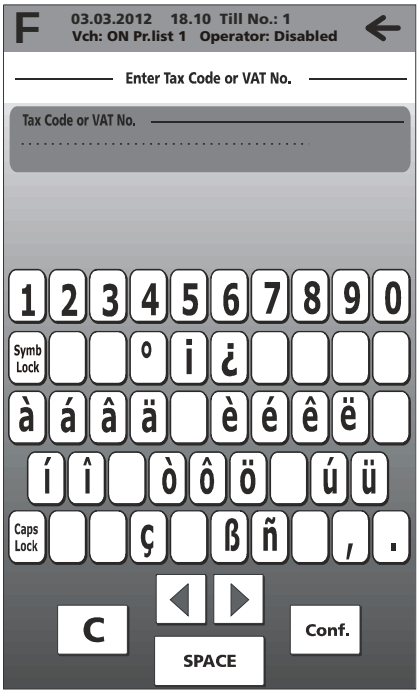
Rif.	Descrizione
1	Sensitive field activated by touching the screen area delimited by the rectangle.
2	Symbol keys. Different symbols are available if lowercase letters are enabled on the keypad.
3	Tasto Conferma per convalidare i dati alfanumerici inseriti.
4	Arrows for moving the cursor within the field to modify.
5	[**C**] key deletes the last character entered.
6	[**Caps Lock**] key changes the case in which letters are displayed, switching from lowercase to uppercase, and vice-versa.
7	QUERTY keypad for entering alphanumerical characters.

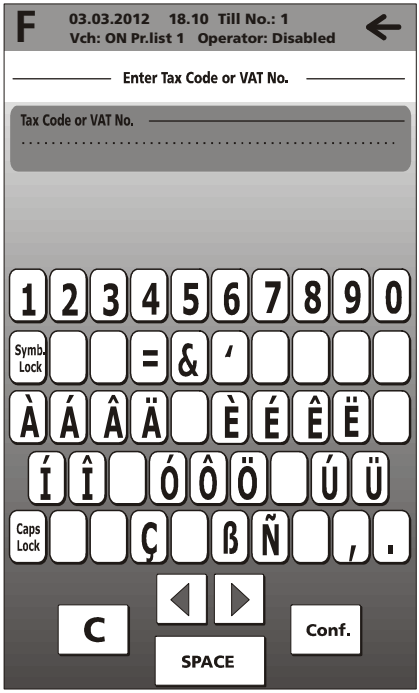
The [**Caps Lock**] key can be used to set up the keypad for lowercase letters.

Using the alphanumeric keyboard displayed on the touch screen of the cash register, you can insert alphanumeric characters and upper and lowercase letters.
The alphanumerical keypad is displayed whenever its use is required in an environment.

ENTERING SPECIAL CHARACTERS

Press the **[Symb. lock]** key to select a keyboard layout in which special characters are displayed.

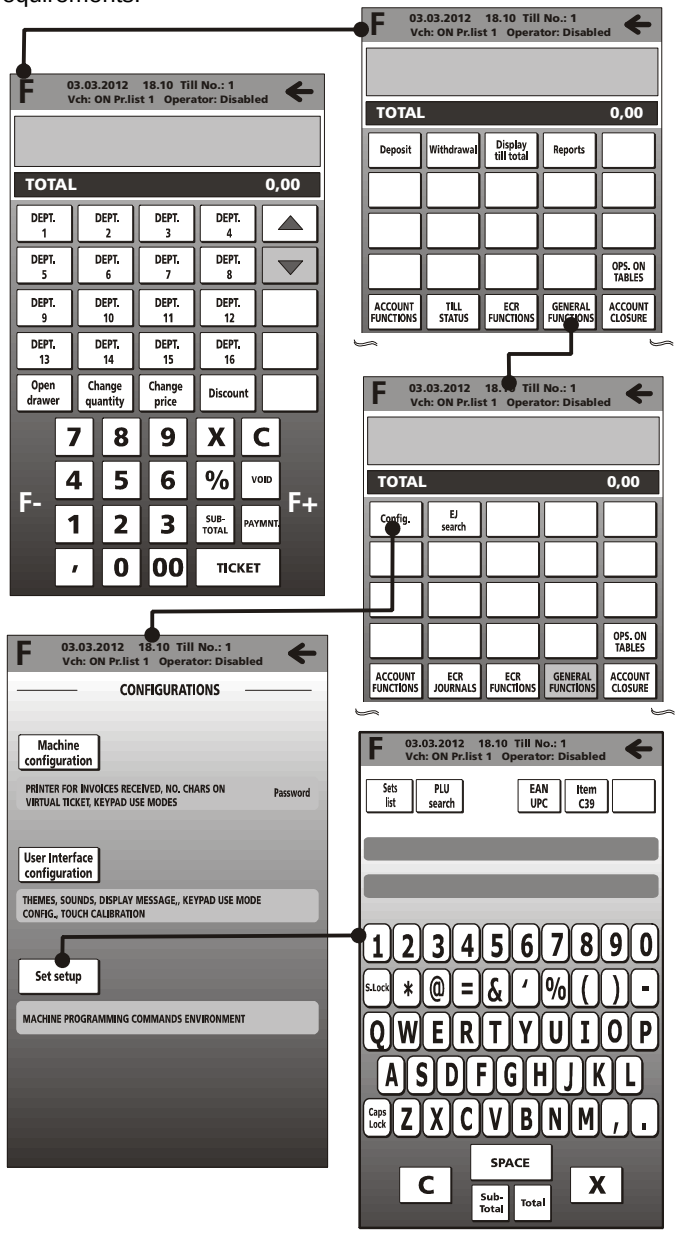




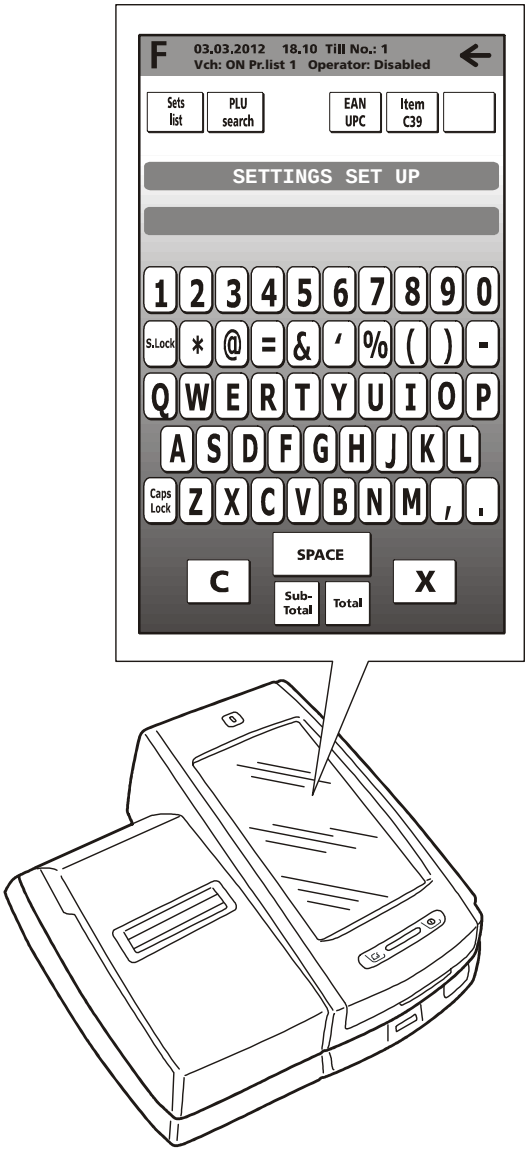
Press the [**Caps Lock**] key to select a keyboard with upper/lowercase letters, as on standard keyboards.

CUSTOMISING THE CASH REGISTER

The user interface of the cash register can be fully customised and adapted to meet customer requirements.



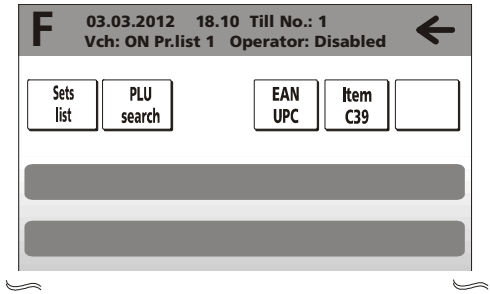
A dedicated environment, called “SET setup”, is provided for programming and therefore configuring the cash register. The register is programmed using the numeric keypad.
The SET command is simple and intuitive to use. A 3-digit code is associated with each function. When you enter this code into the SET field and confirm using the X key, a list of the alternatives is displayed and you can change the programming.



SELECTING THE LANGUAGE

To select the language for the interface, proceed as follows:

1. Select **[F] > GENERAL FUNCTIONS** environment, by pressing [**Config] > [Set setup]**.
   The following screen appears:



2. Using the numeric keypad, enter the code [1] [6] [0] followed by [X].

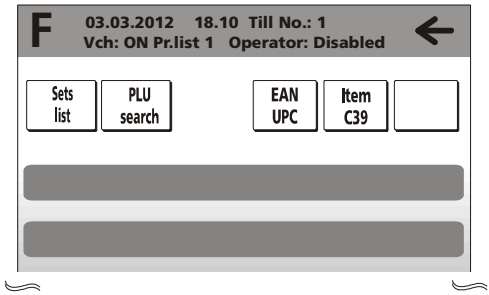
WARNING: if you need to change the language after having already used the cash register, it may be necessary to print the reports (Z10). If this is the case, consult the manual for how to print a report.

3. The cash register asks you to confirm that you want to change the language.
4. Press [X] to confirm.
5. The current language (for example, 0=english) appears on the screen.
6. Select the language you want to set from :
   0=English
   1=Italian
   2=French
   3=German
   4=Spanish .
7. After you have selected the language, the cash register prints an information ticket and automatically restarts.
   After restarting, the cash register displays the interface in the new language selected, loading the default parameters and zeroing the management data.

SETTING THE DATE AND TIME

To set the date and time, proceed as follows:

1. Select **[F] > GENERAL FUNCTIONS** environment, by pressing [**Config] > [Set setup]** keys.
   The following screen appears:



2. Using the numeric keypad, enter the code
   [1] [5] [1] followed by [X]
3. The default format for displaying the date is *DD/MM/YY* and corresponds to selection 0.
   Select 1 to display the date in the format *MM/DD/YY*
   Select 2 to display the date in the format *YY/MM/DD*.
4. press [X] to confirm.
5. The default format for displaying the time is *24H*, and corresponds to selection 1.
   Select 0 to display the time in *12H* format.
6. Press [X] to confirm.
7. Enter the date and press [X] to confirm the date entered.
8. The time stored in the cash register is displayed.
9. Enter the time in the format: hh-mm-sec.
10. Press [X] to confirm the time entered.

Note:

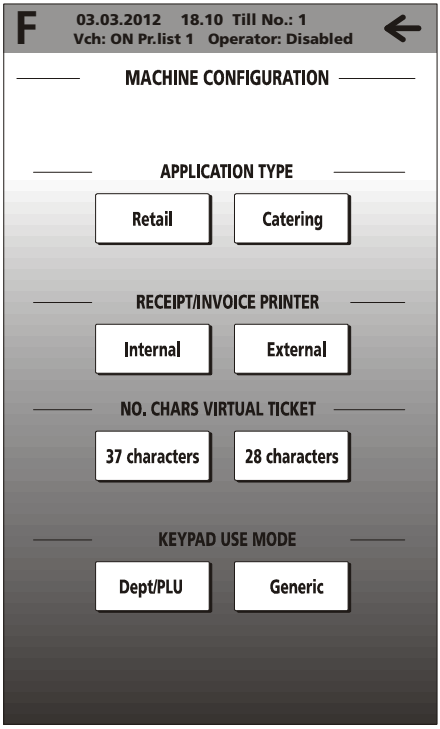
- Changing the date/time is not permitted unless the Z10 report has been run.

Example:

[1] [5] [1] followed by [X]
DD/MM/YY followed by [X]
24H followed by [X]
01-01-2012 followed by [X]
01:19:43 followed by [X]

CONFIGURING THE MACHINE

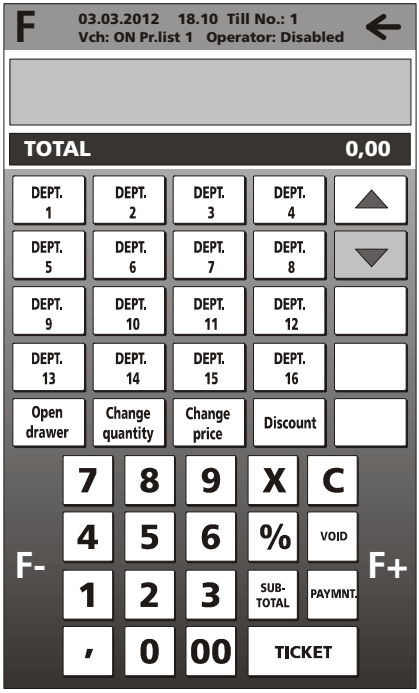
This function can be accessed from the **[F] > GENERAL FUNCTIONS** environment, by pressing [**Config] > [Machine Configuration**] keys.



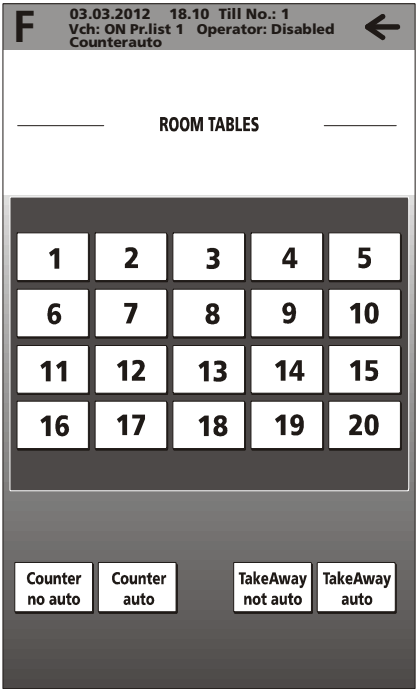
APPLICATION TYPE

In this environment, you can select the type of application you want to use:

Retail (Default)



Catering (For more information, refer to the chapter "Catering Environment – Table Operations").



RECEIPT INVOICE PRINTER

In this environment, you can choose the printer to use for printing the invoices:

- external printer
- cash register printer (internal).

NO. CHARS VIRTUAL TICKET

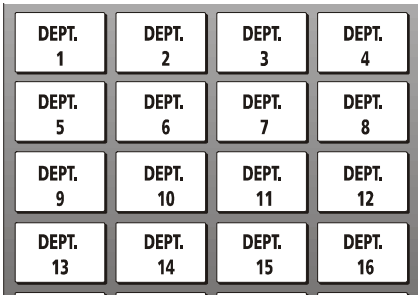
In this environment, you can select the maximum number of characters that can be displayed in the ticket on the screen: 37 or 28 characters.

KEYPAD USE MODE

In the Sales screen, the keypad area related to sales items (Dept/PLU keys) can be programmed for either **Dept/PLU** or **Generic** mode.

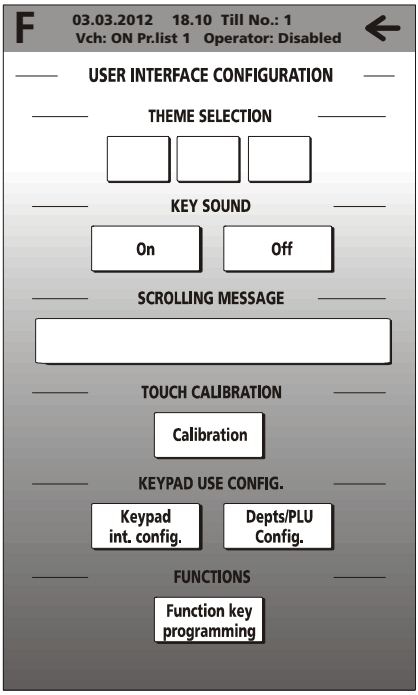
After programming, PLUs and Departments that can be used in sales operations are displayed in the main Sales screen.
Programming consists of creating links to the DEPT keys in the main screen:

- directly, linking an item directly to a department key (*Sale by department*)
- indirectly, linking an item first to a (PLU) key and then assigning each PLU to a department (DEPT key) (*Sale by PLU/Department*). *(For more information, refer to the chapter "Retail Environment – PLU/Departments").*



USER INTERFACE CONFIGURATION

This function can be accessed from the **[F] > GENERAL FUNCTIONS** environment, by pressing [**Config] > [User Interface Configuration**] keys.



SELECTION THEMES

In this environment, you can select the colours of the interface displayed on the touch screen, choosing these from those available.

KEY SOUND

In this environment, you can associate a sound with the keys; selecting **Yes**, the sound is activated, selecting **No** it is disabled.

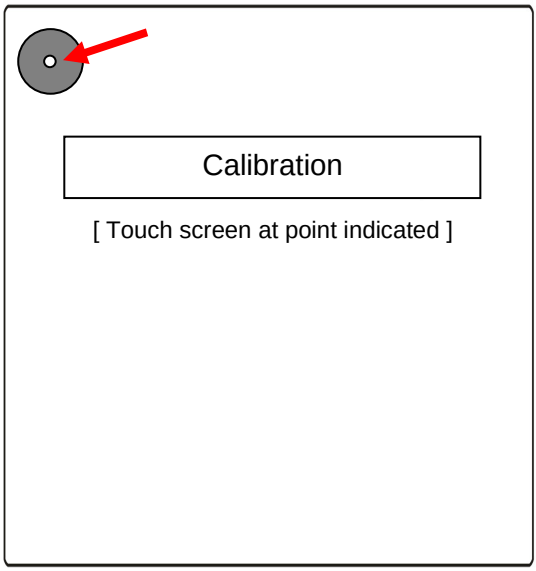
SCROLLING MESSAGE

In this environment, you can insert a text that will be displayed as message on the customer display.

TOUCH SCREEN CALIBRATION

With this selection, the background of the screen becomes black and a guided procedure highlighted by a cross-shaped pointer is activated; follow the instructions provide on the screen to complete the procedure correctly.

When this key is selected, the procedure for calibrating the touch screen is displayed.



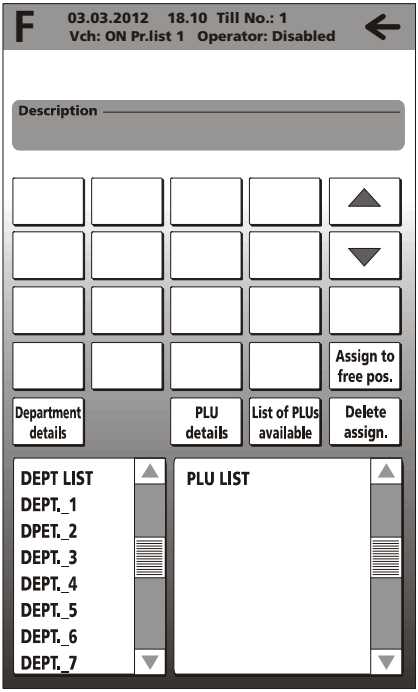
Touch the symbol to start the touch screen calibration procedure, keeping it pressed until the next calibration step is displayed.

Follow the instructions displayed on the touch screen to carry out the procedure.
At the end of the initialisation procedure the cash register returns to either «retail» or «catering» mode, depending on how it is set up.

KEYPAD USE CONFIG

In this environment, it is possible to program the keypad and keys displayed on the touch screen. According to whether the **Generic** or **PLU/Dept keypad** has been selected in the "Keypad use mode" environment, pressing the **[F] > GENERAL FUNCTIONS** environment, on pressing [**Config] > [User Interface Configuration**] keys, **Dept/PLU Config.** or **Keypad int. Config,** two different conditions may occur.

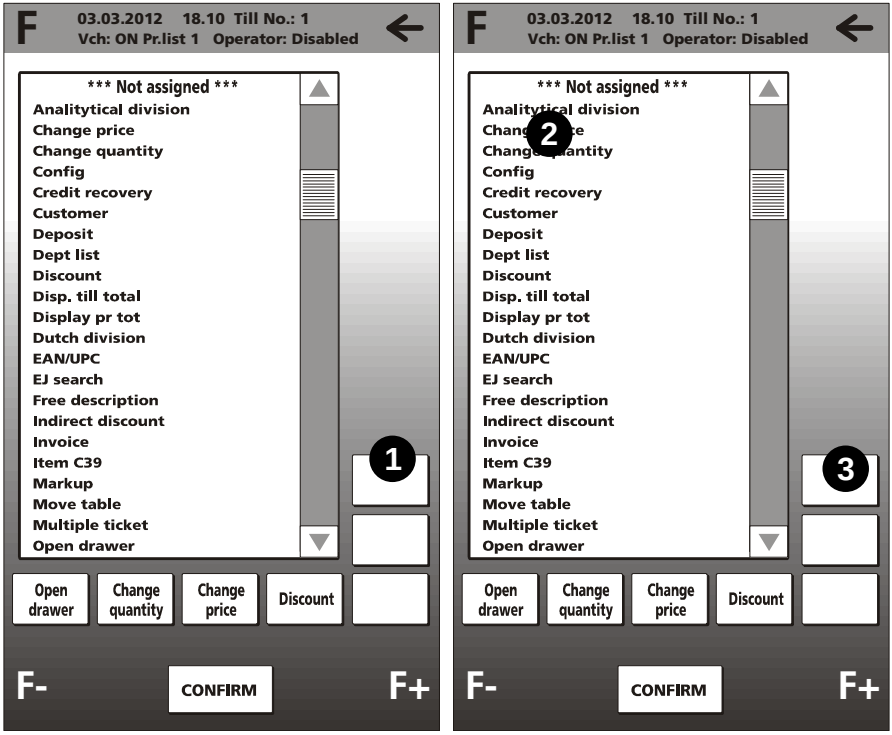
*If **PLU/dept.** mode has been selected, the sales keypad has the PLU/Dept keys of standard size (for further information consult the programming chapter at the paragraph "Retail environment – PLU/Departments"):*



*If **Generic** mode has been selected, the keypad of the sales screen page may have keys created by the user according to specific requirements (size of the keys, position on the display, type of association: Department, PLU-article, functions, payments). For further information, consult the programming chapter at the paragraph ""Retail environment Generic Mode"".*

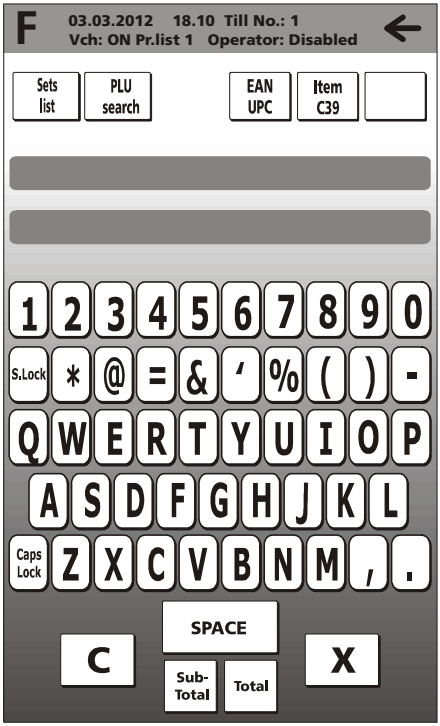
FUNCTION KEYS PROGRAMMING

From this environment you can change the functions – preconfigured in the factory – associated with each key in the main Sales screen. Select the key you want from those available (**1**), then select the new function to associate with it by touching one of the items listed in the area under the programmable keys (**2**) and press **CONFIRM** button.
The function selected will remain associated with the key (**3**).



SET SETUP

This function can be accessed from the **[F] > GENERAL FUNCTIONS** environment, by pressing [**Config] > [Set setup]** keys.

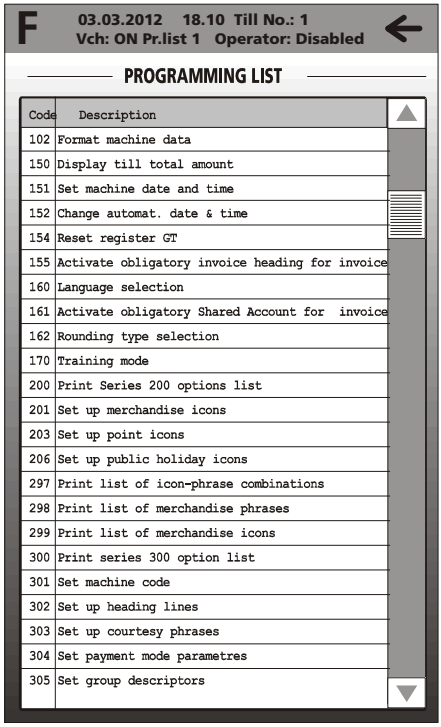


For this environment, you must use the numeric programming codes displayed by pressing the [**Sets List**] key. For more information refer to the chapter “Programming List”.

Key	Description
Sets List	Displays a list of options (consisting of a description and number) that can be used for programming the machine.
PLU Search	Allows you to search for a PLU-BCR by entering its alphanumeric description as the search key, and using its department as the search (filter) mode.
EAN/UPC	Allows a EAN 8/13 or UPC A/E type BCR-PLU to be entered in the PLU search options.
Item C39	Allows a C39 type BCR-PLU to be entered in the PLU search options.
←	To return to the previous screen page.

SETS LIST

Using this key, you can display a list of all programmable functions on the cash register, and the code to be attributed in the SET environment to enable the function.



OPERATOR MANAGEMENT

The cash register can handle different operators using the machine on the basis of workshifts. Operator management can follow one of the following schemes:

- ***Cashier-only operation:*** at the start of every ticket entry of the cashier or supervisor is required. The cashier/supervisor remains enabled until they personally perform the logout sequence. The login is required only for the first ticket.

  On logout, if printing is enabled, the shift closure report is printed.

- ***Waiter-only operation:*** at the start of every ticket entry of the waiter is required (in that, when a ticket is closed, the associated waiter is always automatically disabled). At the end of a workshift, the waiter must personally perform the logout sequence to close their shift, and optionally print their report.

- ***Mixed operation:*** at the start of the first ticket entry of the cashier or supervisor is required, then, before each new ticket is started, a waiter can log in by entering their personal code. When the ticket is printed the cashier/supervisor identifier appears on the ticket, as well as that of the waiter if applicable (the waiter is automatically disabled on closure of the ticket).

  The cashier/supervisor remains enabled until they personally perform the logout sequence. Each waiter must also perform the logout sequence to close their own shift, and optionally print their report.

  When the cashier/supervisor logs out, a separate shift closure is generated (with report printing if enabled) and all waiters associated with them during their shift are automatically logged out if they have not already logged out individually (and shift closure report optionally printed).

This functionality is accessed by pressing the [**Operator**] key in the **[F] > ECR FUNCTIONS** environment, and is used - before starting a sales transaction - to select the operator to whom the subsequent sales transactions are to be attributed,
This function is only available if it has been previously enabled using the code SET 370 in combination with SET 601 for programming the personal details of each operator.

Note: if sales operations have been performed, report printing is requested.

1. Using the numeric keyboard, enter the code

   [3] [7] [0] followed by [X]

2. 0 = Disabled (default setting)
   1 followed by [X] = for cashiers
   2 followed by [X] = for waiters
   3 followed by [X] = for waiters/cashiers (mixed)

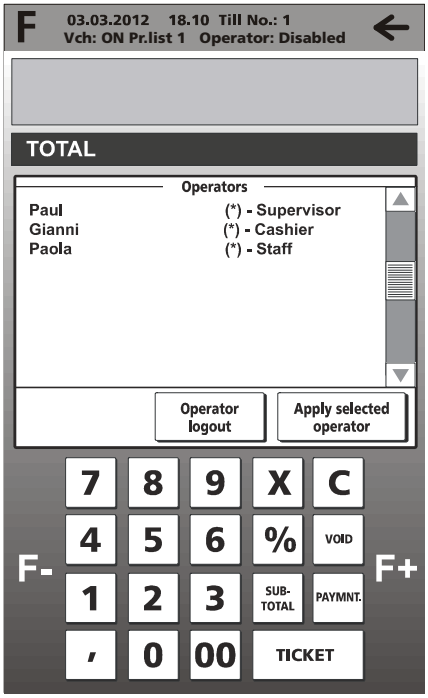
3. Enable or disable shift closure report printing
   0 followed by [X] = to disable
   1 followed by [X] = to enable

4. Enable or disable Supervisor code request (Enter code:); enter 111111
   0 followed by [X] = to disable
   1 followed by [X] = to enable.

SELECTING OPERATORS

The screen shows the list of operators saved on the cash register together with their operator status. A scroll bar is provided allowing you to scroll through the list of operators programmed.

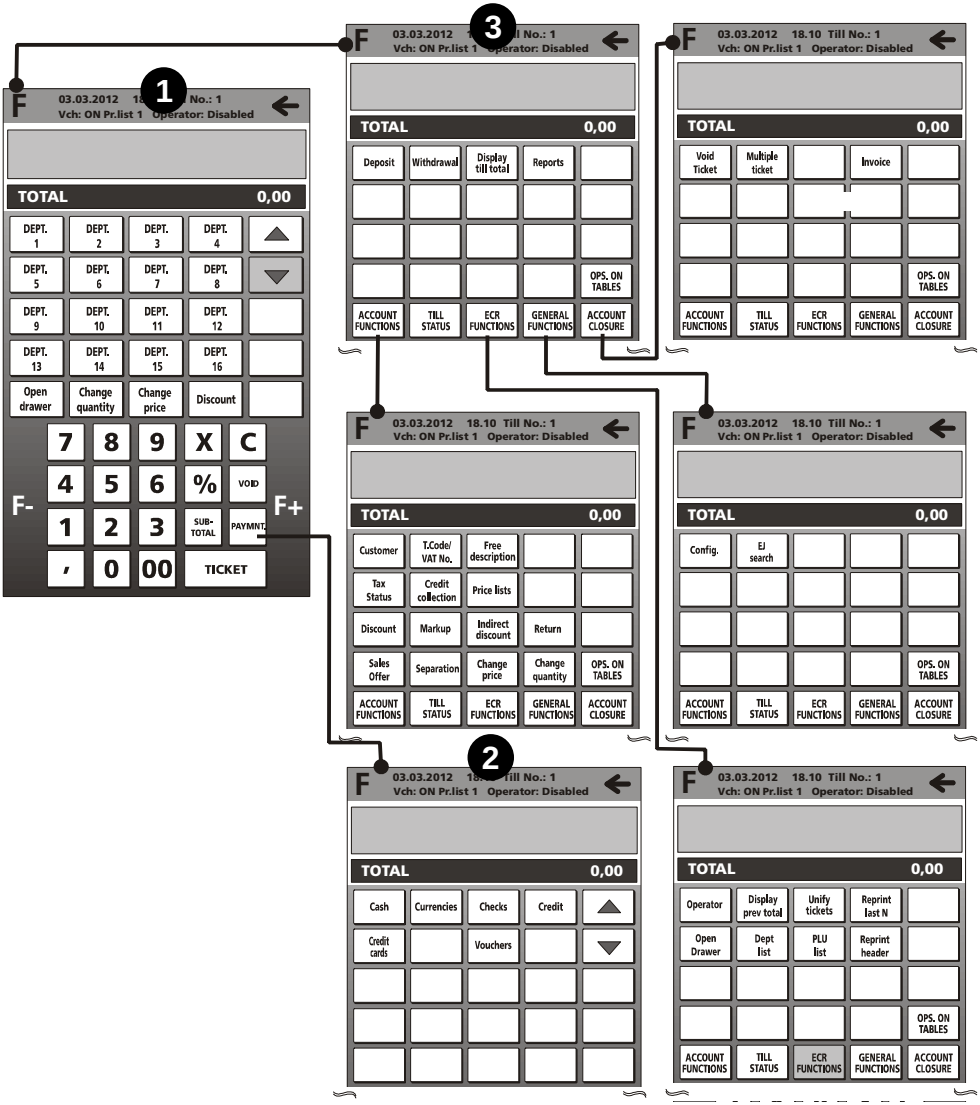
Note: If the (*) character is present it indicates that a personal code is programmed for the user.



Key	Description
←	Closes the window displaying the list of operators and returns to the Functions screen,
Apply Selected Operator (*Start of Shift*)	Allows an operator to be selected in the list of programmed operators with subsequent operations being attributed to them. Select an operator. Press the [**Apply Selected Operator**] key. Insert code key.
Operator Logout (*End of Shift*)	Allows you to cancel the selection of an operator. Select an operator. Press the [**Operator Logout**] key. Insert code key. If printing is enabled, the shift closure report is printed.

3. THE SALES ENVIRONMENT (MAIN ENVIRONMENT)

The Sales environment is organised as shown here:



This environment activated on the cash register on powering on allows you to perform sales transactions with the items purchased shown in the ticket displayed on the screen.

The sale is closed and related ticket printed when payment is tendered using one of the supported methods.

From the main environment (1), you can:

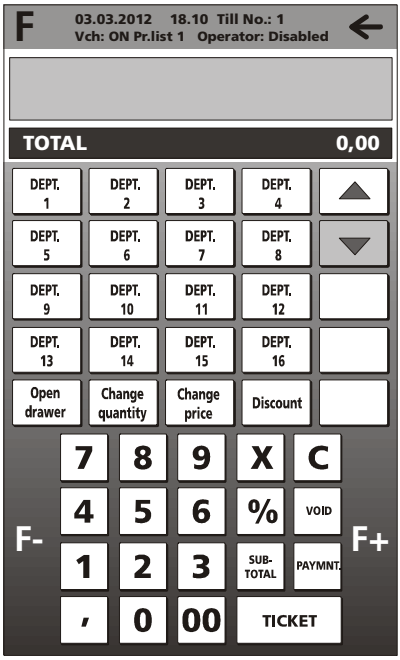
- Perform a sales transaction (applying a discount, markup, etc), as described in the section “Sales Functions (Main Environment)”.

- Perform the sale of items and/or items linked to a department, as described in the section “Sales Using the Department List”.

- Choose the payment type **(2).**

- Access the cash register functions for programming and configuring the cash register **(3).**

SALES FUNCTIONS (MAIN ENVIRONMENT)



Key	Description
F (Functions)	Displays a screen with the **FUNCTIONS** that are available but not displayed in the main Sales screen.
Open drawer	Open the drawer.
Change Quantity	Allows you to change the quantity associated with an item selected in the ticket on the screen: Select the item in the ticket on the screen. Enter the new quantity using the numeric keypad. Press the [**Change Quantity**] key. To increase the quantity by a single unit: Select the item in the ticket on the screen. Press the [**Change Quantity**] key. **Note:** If it is the last item on the ticket, the item will be repeated (repeat function). On the other hand, if it is not the last, the change will be expressed in the form 2 x unit price of item.
Change Price	Allows you to change the price of the item selected in the ticket on the screen: Select the item in the ticket on the screen. Enter the new price using the numeric keypad. Press the [**Change Price**] key.

Key	Description
Discount	Allows you to apply a discount to the price of the item selected in the ticket on the screen. Different modes are possible, for example: - To perform an absolute discount of €5 on the item selected: Select the item in the ticket on the screen (if it is not the last item). Press the key [**5**] on the numeric keypad. Press the [**Discount**] key. - To perform a discount of 5% on the item selected: Select the item in the ticket on the screen (if it is not the last item). Press the key [**5**] on the numeric keypad. Press the [**%**] key on the numeric keypad. Press the [**Discount**] key. - To list all the "absolute" and "percentage" discounts programmed on the screen: Press the [**Discount**] key Select the item required and then select **[Apply selected discount].**
[DEPT_XX]	Sells an item associated with the related department. If directly-accessible PLUs are associated with the DEPT key, they are displayed on the screen.
	Displays the next PLU/DEPT page to the one shown (the page reference number is displayed in the screen area dedicated to general information).
	Displays the previous PLU/DEPT page to the one shown (the page reference number is displayed in the screen area dedicated to general information).
Void	Annuls the last transaction entered or the one selected in the ticket on the screen.
Sub-total	The partial total of a sale is displayed in the ticket on the screen. If you select an item in the ticket and press the [**Sub-total**] key, the partial total is displayed for the items from the start of the ticket up to the item selected. The partial total is also shown when printed.
Payment	Displays the payment types.
TICKET	Concludes the sales transaction, printing the ticket shown on the screen. To display the amount of change due: Enter the value of the money paid using the numeric keypad. Press the [**Ticket**] key.

USING THE MAIN SALES ENVIRONMENT

Sales are effected by selecting the items associated with the keys (DEPT/PLU), according to the keypad mode (**Generic** or **Dept/PLU**) selected and subsequently programmed.

In **Dept/PLU** programming mode, you can choose:

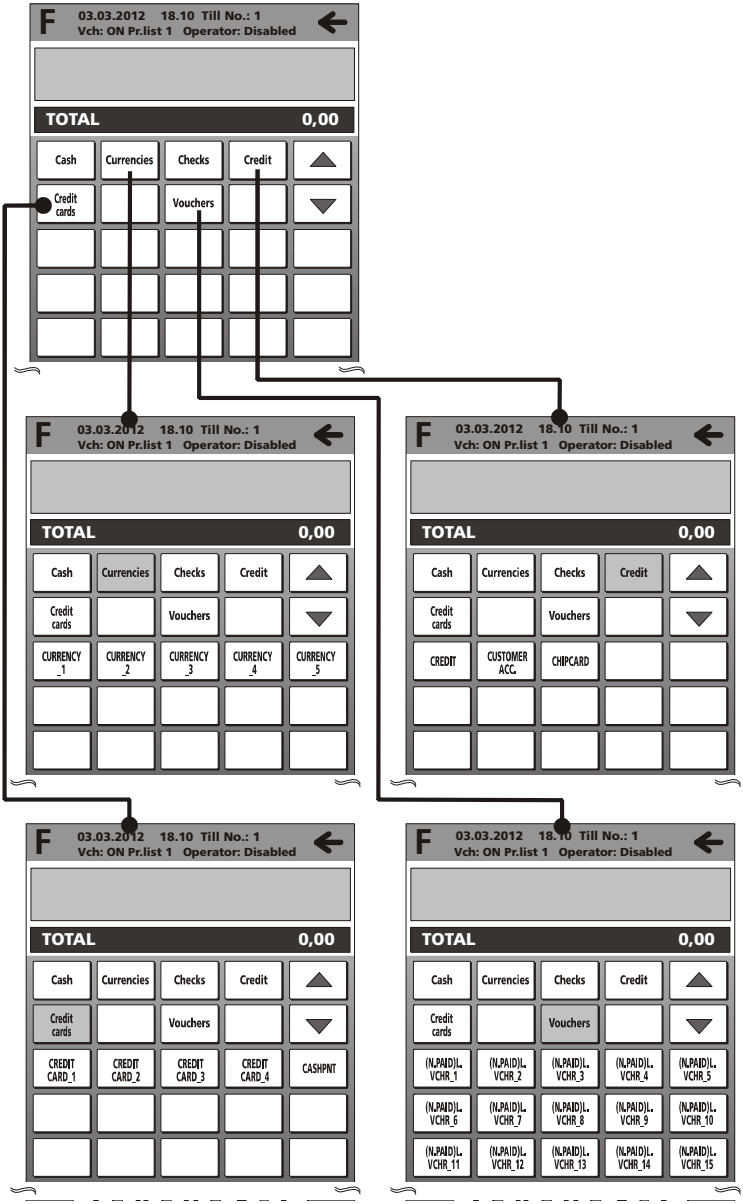
- ***Sale by department***
  In the case of a sale by department, the key is programmed and associated with a single item and can be used directly to perform the sales transactions.
  The maximum number of items that can be programmed for this mode is 250.
- ***Sale by PLU/Department***
  In the case of a sale by PLU/Department, the key is associated with an item (PLU) that is linked to a given department. The item can be selected by first pressing the department key and then the item (PLU) key.

Note: If more than 16 PLUs are programmed, the remaining PLUs are displayed in successive pages that can be viewed by pressing the [ ] and [ ] keys.

For more information, refer to the chapter related to entering items on the cash register.

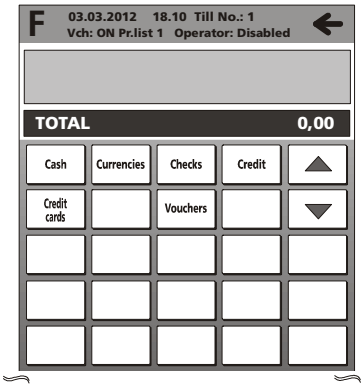
PAYMENT METHODS

This function can be selected from the main environment using the [**Payment**] key, and displays the permitted methods for payment. The main environment is organised as shown in this figure:



PAYMENTS

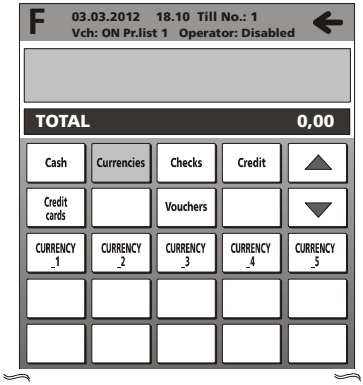
When you select one of the payment methods, other types of payment associated with it are also displayed.
The amount paid is entered on the numeric keypad followed by the type of payment chosen. If change is due or an amount remains still to be paid, the amount is displayed.



Key	Description
Cash	For cash payments.
Currencies	To handle payment in a foreign currency.
Checks	For cheque payments.
Credit	To choose as payment type: **Credit, Customer Account** or **Chipcard.**
Credit Cards	For credit card payments.
Vouchers	To pay using a voucher.
←	To return to the previous screen page

CURRENCIES

The cash register can be programmed to handle payment in a foreign currency. When you select **[Currencies]**, a screen is displayed listing the various currencies programmed.



To perform a payment with a foreign currency:

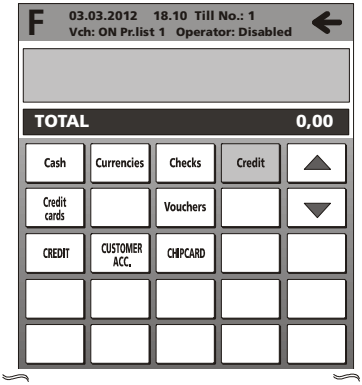
- Select the key with the foreign currency.
- A window is displayed with the sales total in [**Current value of the country**] and the corresponding value in the chosen foreign currency.
- Select **OK.**
- Enter the corresponding currency value displayed previously.
- Select the currency.
- Select [**Ticket**].

Within a ticket you can display the corresponding value in a currency and then proceed with other sales operations:

- Select the [**Payment**] key.
- Select the key for the currency used to make the payment.
- A window is displayed with the sales total in [**Current value of the country**] and the corresponding value in the chosen foreign currency.
- Select **OK**.
- Select [←].

CREDIT

For the **CREDIT** payment type, a ticket can be issued without collection of the related amount due (VAT is payable the moment the goods sold are transferred).
The amount of the sale increments the totaliser related to “credits”.



Generic sale on credit

The amount taken increments the “credits” totaliser.

To take a payment based on credit:
- Perform the sales operations.
- Select [**Payment**].
- Select the [**Credit**] key.
- Select the [**CREDIT**] payment type.
- Close the transaction with the [**Ticket**] key.

The actual payment will be handled by means of the CREDIT COLLECTION function.

Sale on Customer Credit

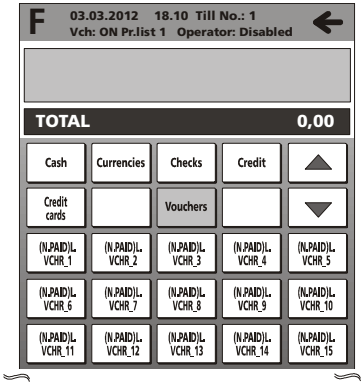
By selecting a customer, the amount of the sale is debited to that customer.

To take payment on credit for a specific customer:
- Perform the sales operations.
- Select [**Payment**].
- Select the [**Credit**] key.
- Select the [**CUSTOMER ACC.**] payment type.
- A screen is displayed listing the customers saved.
- Select the customer to be debited for the sale.
- Select [**Confirm customer**].
- Close the transaction with the [**Ticket**] key.

The actual payment will be handled by the “Credit Collection” function.

VOUCHER - LUNCHEON

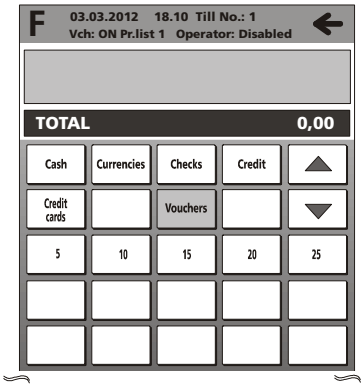
If the amount due is higher than the voucher value, the difference can be settled using one of the other forms of payment available on the cash register, and will be recorded in its own totaliser.
The cash register is able to handle up to a maximum of 15 companies, with 16 denominations for each company.



To take a payment with a voucher:

- Perform the sales operations.
- Select [**Payment**].
- Select [**Vouchers**].
- A list of keys is displayed with the list of companies saved.
- Enter the value of the voucher.
- Select the company required.
- Close the transaction with the [**Ticket**] key.

Alternatively, if programmed in SET 304 function:



- Perform the sales operations.
- Select [**Payment**].
- Select [**Vouchers**]
- A list of keys is displayed with the list of companies saved.
- Select the company required.
- Select a denomination from those available.
- Close the transaction with the [**Ticket**] key.

CHIPCARD PAYMENTS AND OPERATIONS

The chipcard is used for management-type functions. Once a chipcard is formatted, and programmed with the information required for its use and identification of the customer, it can be used as an:

- **Electronic Wallet** to record deposits and withdrawals, and to make payments during a sale.
- **Fidelity Card**: it can be programmed to calculate reward points or stamps to be associated with sales transactions.

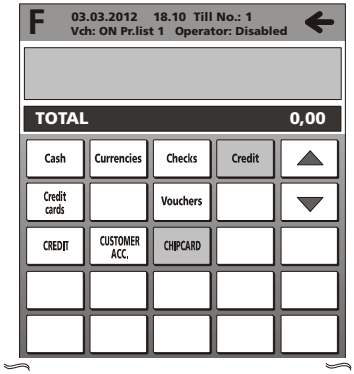
Note: To program the various modes for using the chipcard, use the SET commands by selecting **(F) Functions>GENERAL FUNCTION>Config environment, [Set setup] key> Sets List**. (For more information on the SET commands available, refer to the "Programming" chapter.)

PAYING FOR A SALE USING A CHIPCARD AND POINT CALCULATION

This function allows you to pay for a sale, recording the amount on the chipcard inserted into the cash register. The debit is controlled by the maximum credit limit programmed.
The icon for the reward points is printed automatically at the bottom of the sales ticket. The number of points is calculated on the basis of a threshold value programmed with option 203. For example, a threshold value of € 30 would give the following results:

TICKET TOTAL	POINTS
€ 20	0
€ 40	1
€ 60	2

Select [**Credit**] to display the [**CHIPCARD**] key.



To make a payment with a chipcard:
- Insert the chipcard.
- Perform the sales operations.
- Select [**Credit**].
- Select the [**CHIPCARD**] payment type.
- The chipcard details with its contents are displayed.
- Select [**Yes**] to enable this type of payment.
- Close the transaction with the [**Ticket**] key.

DISPLAYING THE CONTENTS OF THE CHIPCARD

This function allows you to display the personal details of the customer and, if programmed as an electronic wallet, the (debit or credit) balance.

To display the contents of the chipcard:
- Insert the chipcard.
- Select the [**Payment**] key.
- Select the [**Credit**] key.
- Select the [**Chipcard**] key
- The details of the chipcard are displayed on the screen.
- Choose [**No**] to exit from the screen containing the chipcard details, or [**Yes**] to confirm use of the card for payment.

CHIPCARD DEPOSITS

This function allows you to deposit cash into the till, registering the value of the amount on the chipcard inserted in the cash register. Amounts can be deposited using any of the payment types available on the register. To credit money to a chipcard:
- Insert the chipcard.
- Select the [**Functions**] key.
- Select **Deposit**.
- Select the [**Credit**] key.
- Select [**CHIPCARD**].
- A window is displayed containing the chipcard details.
- Confirm with Yes
- Enter the value required
- Close the transaction using the [**Ticket**] key.

CHIPCARD WITHDRAWALS

This function allows you to make a withdrawal from the till registering the amount on the chipcard inserted in the cash register. The debit level is controlled by means of the maximum credit limit programmed. To make withdrawals from the chipcard:

- Insert the chipcard.
- Select the [**Functions**] key.
- Select **Withdrawls**.
- Select the [**Credit**] key.
- Select [**CHIPCARD**].
- A window is displayed containing the chipcard details.
- Confirm with Yes
- Enter the value required
- Close the transaction with the [**Ticket**] key.

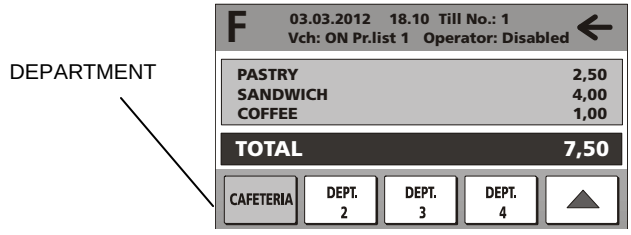
4. RETAIL ENVIRONMENT – PLU/DEPARTMENTS

This environment is recommended for the sale of items programmed as DEPARTMENT/PLU.
To set up the cash register for using PLUs/Departments, select **[F] > GENERAL FUNCTIONS** environment > [**Config**] > [**Machine Configuration]**.
In this window, select [**Retail]** (for Application Type) and then [**Dept/PLU]** (for Keypad Programming).

SELLING ITEMS BY DEPARTMENT

For sales by department, the department key (DEPT_XX) is programmed and linked to an item, and can be used directly for performing sales operations.
The maximum number of items that can be programmed for this mode is 250.

Operating Procedure

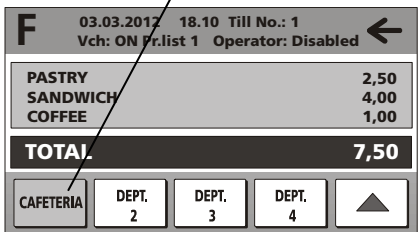
1.	**SET VAT RATE** **(Set setup environment)**	For the VAT rate, you can program a description and the related value (for more information refer to the chapter related to setting the VAT rate – SET308). **Note:** if sales operations have been performed, report printing is requested.
2.	**PROGRAM DEPARTMENTS** **(Set setup environment)**	Program the departments using the **SET 401** command (in the example in the window below CAFETERIA is programmed). For each **DEPT**, as described in chapter **"**Programming Departments - Code 401" – to which you should refer to more details – a price and other optional parameters can be entered. For more information, refer to the chapter related to department programming – SET401.
3.		

SELLING ITEMS BELONGING TO A DEPARTMENT

For sales of an item belonging to a department, an item (PLU) must be linked to the department. The item can then be accessed after selecting first the department.

Note: If more than 15 PLUs are programmed, the remainder are displayed in the following pages viewable using the keys: **[Previous]** and **[Next].**

Operating Procedure

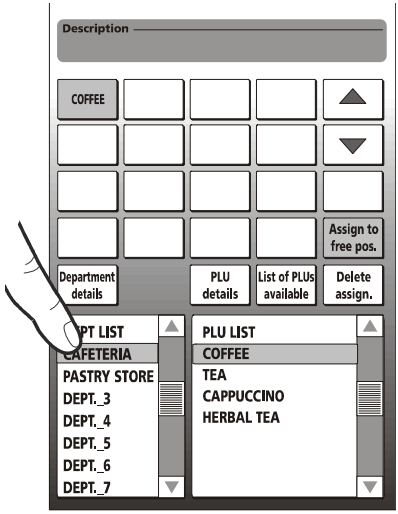
1.	**SET VAT RATE** **(Set setup environment)**	For the VAT rate, you can program a description and the related value (for more information refer to the chapter related to setting the VAT rate – SET308).
2.	**PROGRAM DEPARTMENTS** **(Set setup environment)**	Program the departments using the **SET 401** command (in the example below CAFETERIA is programmed). DEPARTMENT 
3.	**PROGRAM ITEMS (PLU)** **(Set setup environment)**	Program the items (PLU) using the **SET 802** command (in the example below COFFEE, TEA, CAPPUCCINO, are programmed). For each **ITEM/PLU** enter the price, other optional parameters and the DEPT to which it belongs. For more information, refer to the chapter related to item programming – SET802.

4. **LINK PROGRAMMING TO KEY**

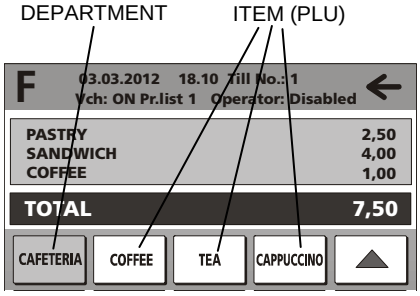
Program the link of the Departments (PLU) to a key on the Sales keyboard.

- Select the “PLU Management”
- Select the department you require by touching it in the “Dept List” (such as CAFETERIA).
- Select the PLU you require by touching it in the “Item List” (such as COFFEE).
- Select the key in the window to which you want to create the link by touching it or select “Assign to free position”.

In this way, the CAFETERIA key is created on the Sales keyboard that, if selected, displays a second Sales window where the COFFEE key is present).



5.



PROGRAMMING VAT RATES - CODE 308

PROGRAMMABLE PARAMETERS

For each VAT rate a number of parameters can be programmed, as indicated in the following table:

FUNCTION	PROGRAMMABLE FIELDS	FACTORY SETTING
Rate description Rate value (as percentage)	Max. 29 characters, alphanumeric 4 figures max. (from 0,01 to 99,98)	VAT_1 NO TAX

As a prerequisite to programming, you must have run a Z10 Report, a Z20 Tax Extraction Report, and any other reports that are requested before starting to program.

In the [Reports] environment, the key [Mandatory reports for Vat Variation] can be used to execute automatically all the reports required.

Operating Procedure

1.	**3** **0** **8** **X**	On the lower row of the operator display, a descriptor is proposed for the first VAT rate.
2.	[***MANAGEMENT TYPE***]	0 followed by **X** for VAT 1 followed by **X** for ADD ON
3.	[***ALPHANUMERIC CHARACTERS***] **X**	Customise the descriptor.
4.	[***NUMERIC CHARACTERS***] **X**	Set the VAT rate as a percentage.
5.		Repeat sequences 3 and 4 for any other VAT you want to add (up to a maximum of 7).

- if the tax extraction reports have not been run, the message appears "RUN REPORTS".
- To annul the percentage programmed, enter **0**

- To reprogram "NO TAX" enter **8** (note that TAX 8 cannot be modified and corresponds to the TAX EXEMPT setting.

PROGRAMMING DEPARTMENTS - CODE 401

Programmable Parameters

For each department a number of parameters can be programmed, as indicated below:

	FUNCTION	PROGRAMMABLE FIELDS	IMP. OF FAB.
1.	Department description	Max. 29 characters, alphanumeric	DEPT_nn
2.	Sale Price for Price list 1	Max. 8 figures (6+2 dec.)	0,00
3.	Sale Price for Price list 2	Max. 8 figures (6+2 dec.)	0,00
4.	Sale Price for Price list 3	Max. 8 figures (6+2 dec.)	0,00
5.	Sale Price for Price list 4	Max. 8 figures (6+2 dec.)	0,00
6.	Eco-contribution amount*	Max. 6 figures (4+2 dec.)	0,00
7.	Maximum Price (HALO)	Max. 8 figures (6+2 dec.)	0,00
8.	Minimum Price (LALO)	Max. 8 figures (6+2 dec.)	0,00
9.	VAT Rate reference	Max. 0 to 8	NO TAX
10.	Merchandise Group reference	Max. 2 figures (max. 30)	0
11.	Enable Return (order)	0 = disabled / 1 = enabled	1
12.	Enable Discount	0 = disabled / 1 = enabled	1
13.	Enable Goods Refund **	0 = disabled / 1 = enabled	1
14.	Enable Single item	0 = disabled / 1 = enabled	1
15.	Enable Bypass saved price	0 = disabled / 1 = enabled	1
16.	Offer reference*	Max. 1 figure (depends on the max. value set)	0

****** *This function cannot be programmed on this cash register.*

The following table shows the result obtained during the sales phase from programming the various functions:

FUNCTION	RESULT
Department description	The department description is printed on the ticket
Sale Price for Price List 1	Sale price will be printed when the department key is pressed (with the key “List 1”)
Sale Price for Price List 2	Sale price will be printed when the department key is pressed (with the key “List 2”)
Sale Price for Price List 3	Sale price will be printed when the department key is pressed (with the key “List 3”)
Sale Price for Price List 4	Sale price will be printed when the department key is pressed (with the key “List 4”)
Eco-contribution reference*	Value printed on the sales ticket corresponding to the product sold
Maximum Price (HALO)	An item sale will not be permitted if the price entered at the keypad is higher than that programmed here.
Minimum Price (LALO)	An item sale will not be permitted if the price entered at the keypad is lower than that programmed here.
VAT Rate reference	Reference to programmed VAT rate (from 0 to 8) that allows calculation of the tax related to the sale by department
Merchandise Group reference	Sales will be assigned to the programmed merchandise group, and included in the final reports
Enable Return	If enabled, return operations can be performed for the department

***** *If programmed for option SET102.*

FUNCTION	RESULT
Enable Discount	If enabled, discount operations can be performed for the department
Enable Goods Refund **	If enabled, goods refund operations can be performed for the department
Enable Single item	If enabled, the sales ticket can be closed by pressing a department key (if it is the first operation for the ticket).
Enable Bypass saved price	If enabled, the price saved for the department can be overridden by one entered using the keypad.
Offer references	A sales offer can be applied to the department during a sales operation.
NO in stock	In stock

** *This function cannot be programmed on this cash register.*

Operating Procedure

1.	[4] [0] [1] [X]	Enter Department programming.
	[***department number 1-250***] [X]	Select the department.
	Or	Enter the programming procedure
	[X]	Dept 1
2.	[***ALPHANUM CHARS***] [X]	Customise descriptor
3.	[***NUMERIC CHARACTERS***] [X]	Set price for Price List 1.
4.	[***NUMERIC CHARACTERS***] [X]	Set price for Price List 2.
5.	[***NUMERIC CHARACTERS***] [X]	Set price for Price List 3.
6.	[***NUMERIC CHARACTERS***] [X]	Set price for Price List 4.
7.	[***NUMERIC CHARACTERS***] [X]	Set eco-contribution amount (if programmed for option SET102).
8.	[***NUMERIC CHARACTERS***] [X]	Set maximum (HALO) price.
9.	[***NUMERIC CHARACTERS***] [X]	Set minimum (LALO) price.
10.	[***NUMERIC CHARACTERS***] [X.]	Setting VAT rate reference.
11.	[***NUMERIC CHARACTERS***] [X]	Define the number of the merchandise group to which to associate the department.
	[0] - [1]	To disable - enable returns.
	[0] - [1]	To disable - enable discounts.
	[0] - [1]	To disable - enable goods refunds.
	[0] - [1]	To disable - enable single item sales.
	[0] - [1]	To disable - enable sales with price bypass.
	[***NUMERIC CHARACTERS***] [X]	Offer reference (from 1 to 5) (if programmed for option SET102).
	[TOTAL]	Press this key to interrupt programming the selected parameter - that nevertheless remains programmed – and switch the register to the start of configuration mode.
	[SUBTOTAL]	Press this key to interrupt programming the selected parameter - that nevertheless remains programmed - and switch the register to the same parameter of the next department.

- It is not recommended to program the sales reference for both departments and PLUs.

PROGRAMMING AN ITEM (PLU) – CODE 802

Operating Procedure

1. [8] [0] [2] [X]

2. When using a barcode reader, pass the optical reader over the barcode of the item so that it is read. The code is displayed on the operator display and an acoustic signal is emitted indicating that reading has terminated.

To manually enter the barcode:
- Select the type of barcode from: EAN-UPC, C39.
- Enter the alphanumerical code of the item to save using the keypad.
- Press the [X] key to confirm and proceed to the next programmable function.

3. To save items without the assistance of a barcode, select the type C39 that allows descriptive strings to be entered for an item or for generic PLUs (such as Coffee).
For example:
- When you select C39, on the screen appears:

INSERTION
PLU CODE C-39

- Enter the descriptive string you want (as in the previous example, coffee) and press [X]
- You are then requested to enter the PLU CODE.
  Enter the description of the item inserted (as in the previous example, coffee).
  The description inserted in this field will be printed on the ticket and shown in the ticket on the touch screen.
- Next enter the parameters for the item (prices, **department linked** etc.) to associate a key to the item.

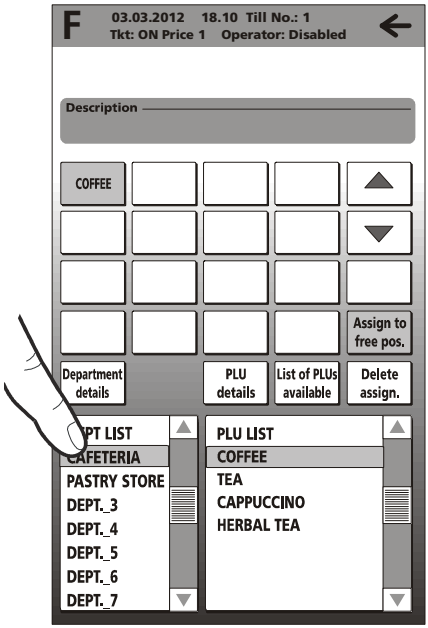
- If you want to change the number of department to which a PLU is linked, this change is only possible after running a Z reports indicated.

MODIFYING, DELETING, PRINTING AND FORMATTING THE DATA RELATED TO AN ITEM (PLU) – SET 804,803,801,800

The following SET options are available:
SET 804 to modify an item (PLU)
SET 803 to delete an item (PLU)
SET 801 to return the programmable parameters of the PLUs to their factory values
SET800 to print how the items (PLUs) are programmed.

ASSOCIATING PROGRAMMING TO A KEY

To access this environment, from the main Sales screen, select the key **[F] (Functions) > GENERAL CONFIGURATION** environment **> [Config] > [User Interface configuration]> Depts/PLU Config.**
After the selection is made, a window appears on the screen that allows you to assign a PLU to a key (in the window below some PLUs have already been programmed onto some keys).



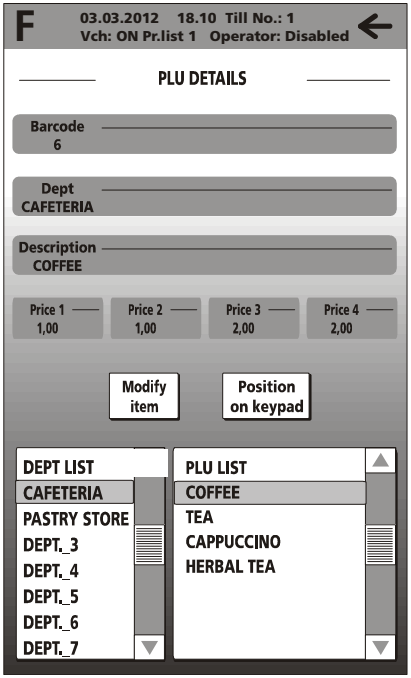
Key	Description
Dept List	Lists the departments programmed.
PLU List	Lists the items linked with the department selected in **Dept List.**
List of items for all departments	Displays all the departments programmed and present on the machine.
Delete assignment	Removes the PLU from the key previously programmed.
Assign to free position	Assigns the PLU to the first key free.
PLU Details	Opens a window with the details of the selected PLU, which you can edit.
←	Closes the “Tickets display” window and returns to the SET mode screen page

Operating Procedure

1. Select the department you want by touching it in the “Dept List” (for example, CAFETERIA).
2. Select the PLU you want by touching it in the “Item List” (for example, COFFEE).
3. Create the link, touching the key required from the 15 keys present in the window. This results in a CAFETERIA key being created on the Sales keypad that, if selected, opens another Sales window in which the COFFEE key is displayed.

PLU DETAILS

To access this environment, select the [**PLU Details**] key from the window for directly programming PLUs to assign a PLU to the Sales keyboard. This environment displays the details of the selected PLU that you can modify using the **[Modify item]** key.



Key	Description
Barcode	**Barcode** linked to the PLU. **Field cannot be modified**.
Department	**Department** to which the PLU It is linked. **Field cannot be modified**.
Position on keypad	Calls up the main window for **direct mode PLU programming** in which the selected PLU is highlighted.
Modify item	Calls up the **Change PLU Details** window.

CHANGE PLU DETAILS

You can access this environment when the **PLU Details** window is displayed on the screen by pressing the [**Modify item**] key.

In this environment you can modify only the fields **Description, Price 1, 2, 3 and 4** by *touching the field of interest.*

Key	Description
Description	**Description** of item linked with to PLU, modifiable from the keypad.
Price 1,2,3,4	**Prices** associated with the PLU, modifiable from the keypad.
Confirm	Confirms the changes made to the Description and Prices 1, 2, 3 and 4 fields.
←	Closes the window and returns to the **direct mode PLU programming** screen.

5. RETAIL ENVIRONMENT – GENERIC MODE

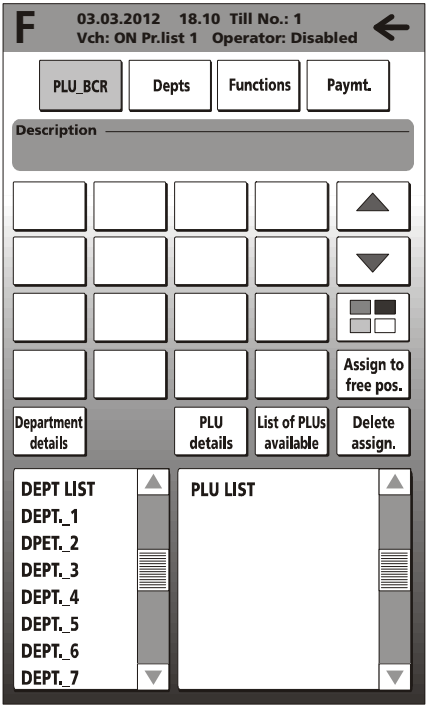
This environment is recommended for non-specific use of the cash register in that you can reprogram the main window to meet your own personal needs.

All the functions and programming of DEPARTMENT/PLU environment are **still** available in Generic mode (for more information on the Retail – DEPARTMENT/PLU environment, refer to the related chapter).

To set up the cash register for using Generic mode, select [**F] (Functions)> GENERAL FUNCTIONS >** [**Config]** > [**MACHINE CONFIGURATION**].
Select [**Generic]** (for Keypad Use Mode). Select ← , and then the key **[User Interface configuration] > [Keypad int. config].**

GENERIC PROGRAMMING OF THE KEYPAD

By programming the keypad and the keys displayed in the Sales window on the touch screen in generic mode is intended the possibility for the user to modify these items freely, customising them to meet their own needs (key dimensions, position on the display, link type: department, PLU-item, functions, payments).



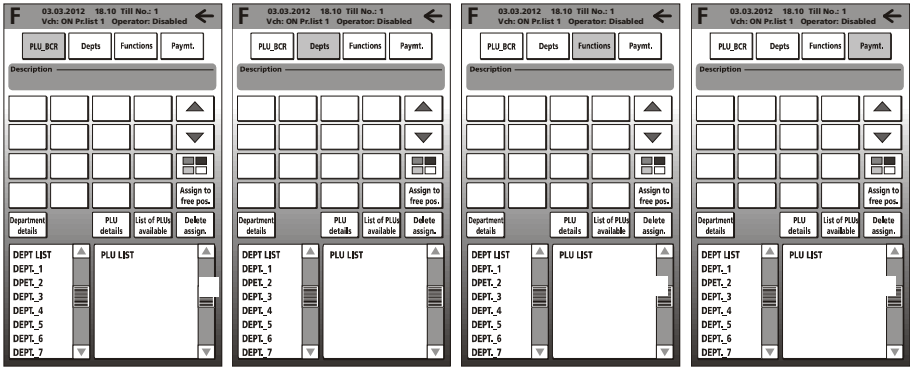
Key	Description
PLU_BCR	Lists the departments and, if present, the items linked with the department, to associate them with a key.
Depts	Lists the departments available that can be associated with a key.
Functions	Lists the functions available that can be associated with a key.
Paymt.	Lists the payments available that can be associated with a key.
Department details	Displays the detail of the department selected (if available).
PLU details	Displays the details of the PLU_BCR selected, allowing its modification.
Assign to free position	Assigns the selection of a PLU_BCR, Department, Function or Payment type to a free key.
List of PLUs available	Selects all available PLUs
Delete assignment	Removes the assignment of a key to a PLU_BCR, Department, Function or Payment type.
←	Closes the window configuration and returns to the main Sales screen.

HOW TO ASSOCIATE AND CUSTOMISE KEYS

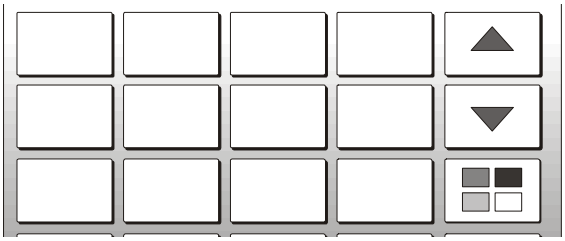
To associate a key with a PLU, Department, Function or Payment type:

1. Select it from one of the lists shown on the display:

PLU_BCR **Depts*** **Functions**** **Paymt*****



2. Select the key to associate with it and select the page, if necessary using **(previous page)** and **(next page)** keys:

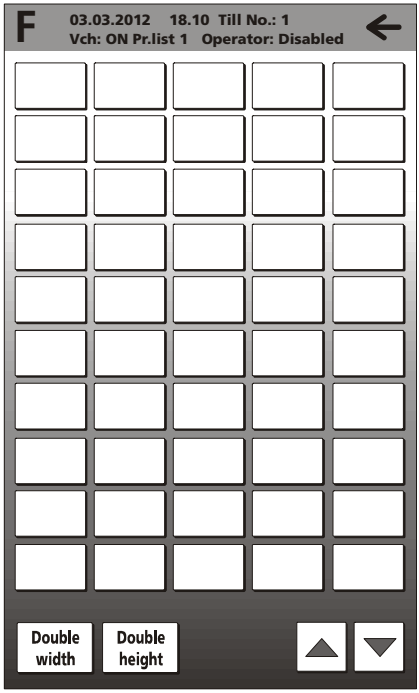


***** = Depts: in the “Item list” column the departments are displayed.

****** = Functions: in the “Functions” column the functions are displayed.

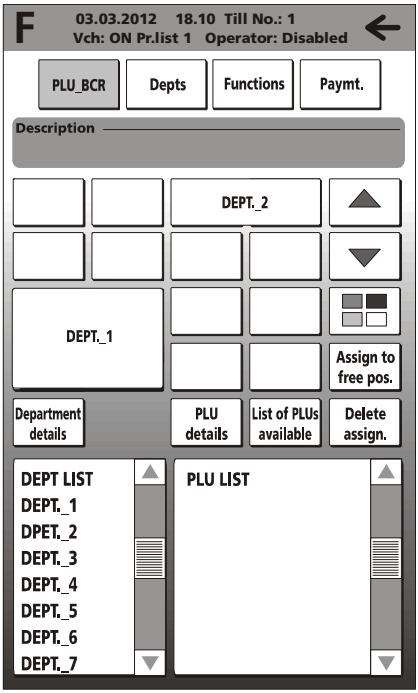
******* = Paymt: in the “Payment Types” column the types of payment possible are displayed.

3. You can customise the dimensions of the key by selecting the key that displays:



4. Select one of the colours available. If required, you can use the keys on the left to select double size for the key (width and/or height).

5. Exit from the environment using the ← key. The configuration with the keys you have created is shown on the display.



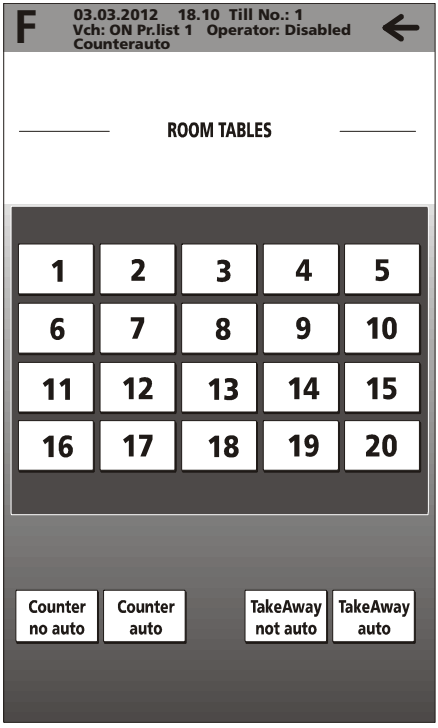
DELETING THE ASSOCIATION TO A KEY

With reference to the previous window:
- Select the [**Delete assignment]** key.
- Select the key to delete from those shown in the window.

6. CATERING ENVIRONMENT – TABLE OPERATIONS

This environment is recommended when the cash register is to be used in a catering environment. To set up the cash register for use in a catering environment, select [**F] (Functions) > GENERAL FUNCTIONS** environment > [**Config]** > **[Machine Configuration]**. From this window, select [**Catering]** (for Application Type).

When this selection is made, the main Sales environment proposes the table layout as the first window (with a maximum of 50 tables). From this window you can move the items attributed from one table to another, divide an account in “analytical” or “Dutch” modes and issue a proforma ticket.



From the table layout, after selecting a table, you can pass to the Sales environment (main Sales screen) to conclude the sale for the selected table.

KEY DESCRIPTION

Key	Description
Counter not auto	Activates the main Sales screen and allows sales transactions to be attributed to a table if one is selected. When the ticket is closed, , returns to the Table screen.
Counter auto	Activates the main Sales screen and allows sales transactions to be attributed to a table if one is selected. When the ticket is closed; the Sales screen is displayed.
TakeAway not auto and **TakeAway auto**	For [**TakeAway auto]** the main Sales screen is displayed where only certain departments - pre-programmed for this functionality - can be accessed. With [**TakeAway not auto]** all programmed departments are displayed.

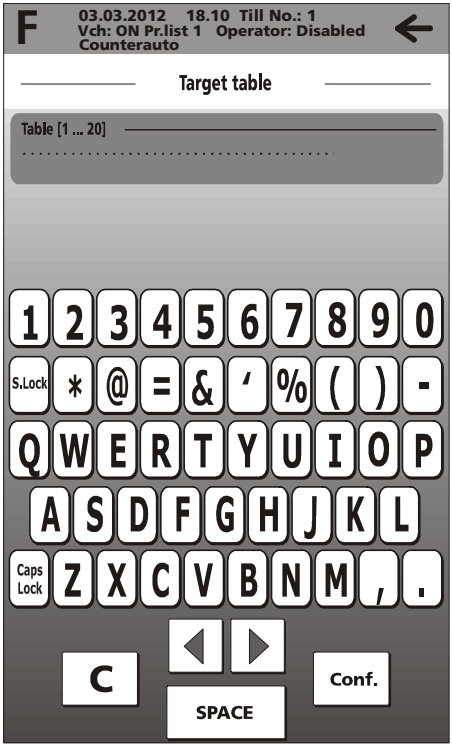
TABLE MANAGEMENT FUNCTIONS - PROFORMA

After selecting and serving a table, using the [**PROFORMA**] key you can print a ticket related to the items served to the table.
The proforma ticket for the table is automatically shown on the screen when you select the table.

Independently of how code 365 is programmed, only the title of the proforma ticket and not the body is always registered in the EJ.

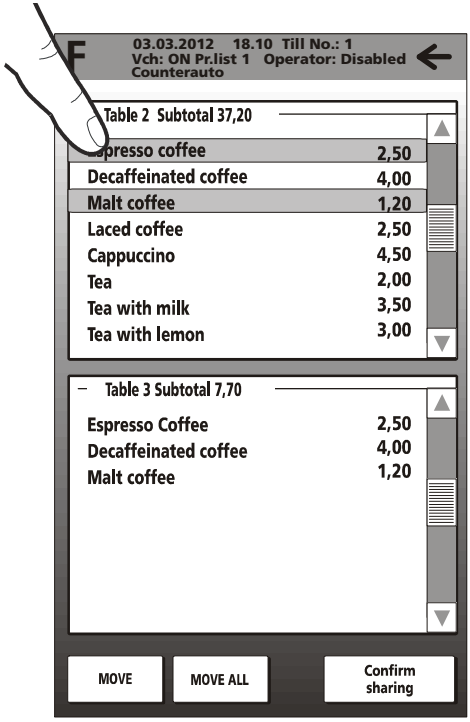
TABLE MANAGEMENT FUNCTIONS - MOVE TABLE

This function allows you to select the table for which you want to make movements.



Key	Description
←	Closes the window, moves the table and returns to the Functions window.
Confirm	Allows you to confirm the operation.

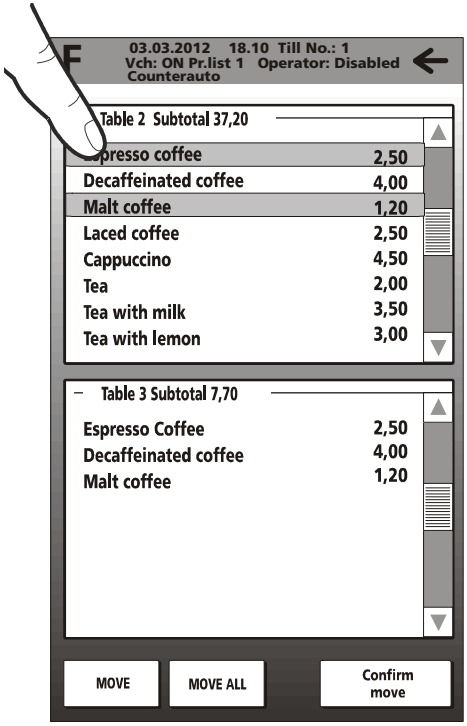
This function moves all or some transactions charged to one table to another table.



Key	Description
MOVE	Allows the transactions charged to a table to be selected and moved to another table. Select an item Select the transaction you require. Press the [**Move**] key. Press the [**Confirm move**] key.
MOVE ALL	Allows all the transactions charged to a table to be moved to another table. Select all the transactions (with a touch) Press the [**Move all**] key**.** Press the [**Confirm move**] key.
Confirm move	Allows you to confirm the operation.
←	Closes the window, moves the table and returns to the main Sales screen.

FUNCTIONS RELATED TO TABLE MANAGEMENT - SHARING DIVISION

This function allows you to move the items attributed to a table to a separate account.



Key	Description
MOVE	Allows transactions charged to a table to be selected and moved to a separate account. Select the transaction you require. Press the [**Move**] key. Press the [**Confirm division**] key.
MOVE ALL	Allows all the transactions charged to a table to be moved to a separate account. Select item Press the [**Move all**] key. Press the [**Confirm division**] key.
Confirm sharing	Allows you to confirm the operation.
←	Closes the sharing Division window and returns to the main Sales screen.

RECALL SEPARATE ACCOUNT

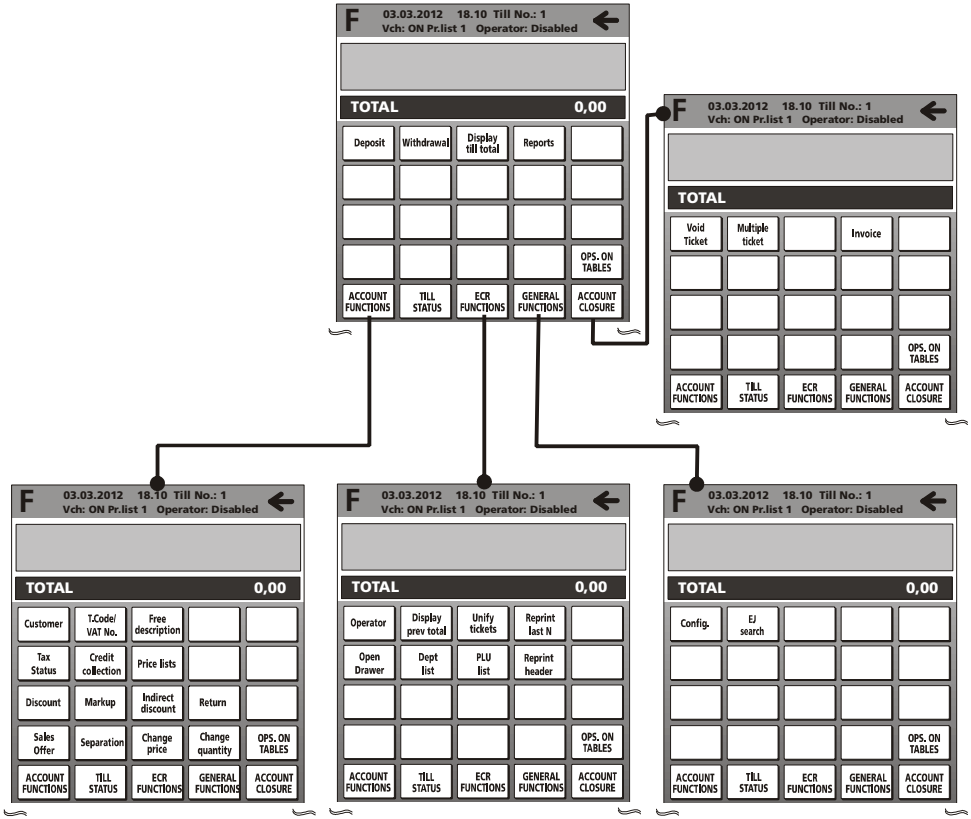
To recall the account separated previously with the Move function; once separation has been confirmed, the separate account is opened automatically.
To recall this, press **[F] (Functions) > OPS. ON TABLE** and select **[Share account]**; at this point, the open account is shown in the sales screen page and the operations required can be carried out.

TABLE CLOSURE FUNCTIONS

You can close a table in two different ways:
– By printing the ticket/invoice (that is, the document related to the table)
– Rendering the ticket void after selecting the table (from **[F] (Functions) > [Void Ticket]**).

7. FUNCTIONS

From the main Sales environment, using the **F (Functions)** key, you can access the Functions environment from which you can perform operations on the current ticket such as "**ACCOUNT FUNCTIONS**" and "**ACCOUNT CLOSURE**", or on the register such as "**TILL STATUS**", "**ECR FUNCTIONS**", "**GENERAL FUNCTIONS**", or otherwise carry out "**OPS. ON TABLES**".



TILL STATUS

Key	Description
Deposit	Activates the "Deposit" screen from which you can perform a deposit operation using one of the payment methods available.
Withdrawal	Activates the "Withdrawal" screen from which you can perform a withdrawal operation using one of the payment methods available.
Display Till Tot.	The total amount present in the till is displayed in the area reserved for the total in the main screen.
Reports	Allows you to enter the environment for printing management reports and the day closure report.

ACCOUNT FUNCTIONS

Key	Description
Customer	Activates the Customer List screen displaying all the customers saved on the cash register. From this screen you can enter the personal details of a new customer, select an existing customer, modify customer details, delete a customer etc.
T. Code VAT No.	Activates a screen displaying a QUERTY keyboard with alphanumeric characters, and an editable field for entering the Tax Code (T.C.) or VAT Number of a customer (for example, for a documentary invoice).
Free Description	Activates the screen to enter an alphanumeric description for a sales ticket.
Tax status	Displays a screen that allows you to select if VAT is to be applied (TAX) or not (No TAX) to the single sale, to the ticket on the screen, or always.
Credit recovery	Issues a ticket registering the payment of an amount that was previously taken on credit (the amount received is decremented from the totaliser for "credits"). - Press the [**Credit Collection**] key. The screen of the customers saved on the register is displayed. -If required, select the Customer to be accredited. - Using the numeric keypad, enter the amount to be credited. - Press the [**Ticket**] key.
Price Lists	Activates the screen for selecting a price list and a price. The options are. Permanent Change – Price List n (from 1 to 4) is valid outside the sales ticket and for all items sold subsequently. Change for Current Ticket –Price List n (from 1 to 4) is valid for the current sales ticket until the ticket is closed. Change for single sale - Price n (from 1 to 4) is valid only temporarily, and only for the next transaction. The price list with the active price are displayed in the main screen.
Discount	You can apply a discount to the price of an item selected in the ticket on the screen. See the earlier description (Page 3-4).

Key	Description
Markup	You can apply an increase to the price of an item that is selected in the ticket on the screen. Different methods are possible, for example: To apply an absolute increase of 5 to the selected item: Select the item in the ticket on the screen (if it is not the last item). Press the key [**5**] on the numeric keypad. Press the [**Markup**] key. To apply an increase of 5% to an item selected: Select the item in the ticket on the screen (if it is not the last item). Press the key [**5**] on the numeric keypad. Press the **[%]** key on the numeric keypad. Press the [**Markup]** key. To display a list of all the "absolute" and "percentage" markups programmed: Select the item required, then select **[Apply selected markup]**
Indirect Discount	Allows you to apply an Indirect Discount to a subtotal: Press the [**Subtotal**] key. Using the numeric keypad, enter the amount due from the Customer. Press the [**Indirect Discount**] key. Check that the amount is ≤ the subtotal.
Return	Allows you to perform a return operation, change items or correct wrong invoicing amounts. The data collected for the Z4 and Z10 reports is updated to reflect these transactions. The return operation can be performed on a single item, on a single department, on a single PLU or on the sales ticket Total. If it is necessary to perform a return operation on more than one item, Department or PLU, then the operation must be repeated for each one separately. Allows you to perform a return operation, change items or correct wrong invoicing amounts: Select [**Function**]>[**Return**] Select the item/Department/PLU/ticket Total and the related amount Press the [**TICKET**] key *If a return operation is required for any other items/Departments/PLUs, repeat the same procedure*.
Sales Offer	This function can be activated in manual or automatic mode after programming the offer and programmed the departments and PLUs to which the offer applies. • Manual management **N x M** by Department (M less than N): **[N] [x] [M] [Sales Offer] [DEPT_1]** • Automatic Management: Sale with sales offer 3x2 for DEPT_1(*****): **[DEPT_1] [DEPT_2] [DEPT_1] [DEPT_3] [DEPT_1] [Ticket]** Prints the descriptor of the programmed offer and the related discount, associated with Department 1 for which the offer parameter is active. ***** *For this function, program the option SET372 from Automatic Discount, then associate it with a department using option SET401.*

Key	Description
Separation	Allows you to separate the figures in an amount for that of a PLU from that of a DEPT. The "**I**" character is displayed in the area dedicated to displaying the total of a sale.
Change Price	Allows you to change the price of the item selected in the ticket on the screen.
Change Quantity	Allows you to change the quantity of the item selected in the ticket on the screen.

ECR FUNCTIONS

Key	Description
Operator	Activates the screen displaying the list of programmed operators. From this list you can select or de-select an operator.
Display Prev total	The total of the previous ticket is displayed in the area reserved for the total.
Unify Ticket	Automatically prints the ticket. The printout shows: the total of the two preceding tickets
Reprint Last N.	Provides rapid access to the EJ, allowing you to print the last "nn" tickets issued during the day on the basis of the period programmed in the programming environment (Programmable with SET363).
Open Drawer	Opens the drawer.
Dept list	Displays the list of departments set on the cash register in a table divided according to progressive number of the department.
PLU list	List all the PLUs (max 999) that are directly accessible, accessible by code (0-999) or directly from the touch screen.
Reprint header	Permits very fast access to the headings present in the cash register and printing of these.

GENERAL FUNCTIONS

Key	Description
Config	Allows you to enter the environment for programming the configuration parameters of the cash register.
EJ Search	Enters the environment that allows you to search for tickets, invoices in the electronic journal.

ACCOUNT CLOSER

Key	Description
Void Ticket	With a single operation cancels all the transactions entered up to that moment in the ticket shown on the screen.
Multiple Ticket	When printed, an appendix is provided with the ticket divided according to the various groups programmed. In the main screen, a message is displayed advising that the current ticket is a Multiple Ticket.
Invoice	Prints an invoice. In the Configuration environment, you can specify if printing is to be executed on an external printer or on the cash register printer.

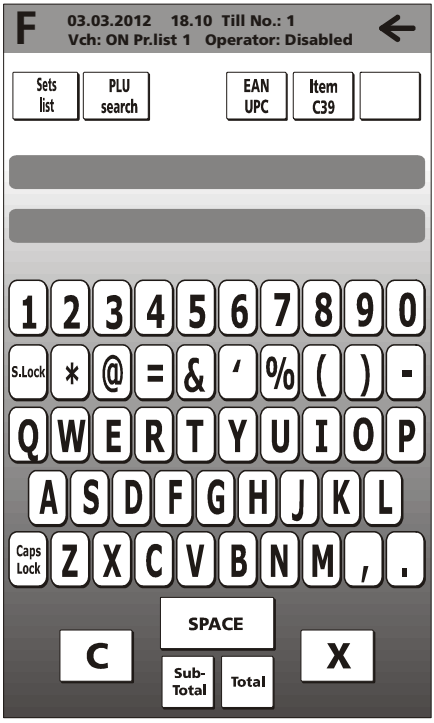
TABLE OPERATIONS

Key	Description
Tables	Allows you to enter the table management environment. Activates a screen displaying the tables to which sales operations can be attributed.
Proforma	Prints a ticket related to a table.
Move table	Allows you to move the items attributed from one table to another.
Share account	Allows an account attributed to a table to be divided in “analytical” mode.

Note: Table operations are only available if the catering environment is activated. If this is not the case, the operations above are not available in Retail mode (See the “Programming” chapter).

8. PROGRAMMING

The cash register can be programmed from the Programming environment accessible from the main Sales screen by selecting **[F] (Functions)> GENERAL FUNCTIONS** environment followed by the **[Config] > [Set setup**] key.



To:

perform programming	set the related parameter as described in the following pages.
confirm the setting made and pass to the next parameter	press [X]
skip programming and pass directly to the next parameter	press [X]
cancel the setting	press [C]
exit from the programming environment without saving the programming changes	press ← without confirming with [X]

confirm the settings made and return to the start of the SET mode	press **Total**
cancel an error message	press **C**
when programming a department field, skip to the next department to program the same field	Press **Subtotal**

When **programming sales prices**, the decimal separator is inserted automatically when you enter amounts consisting of whole figures.
On the other hand, the decimal separator must be entered manually for amounts with decimal figures.

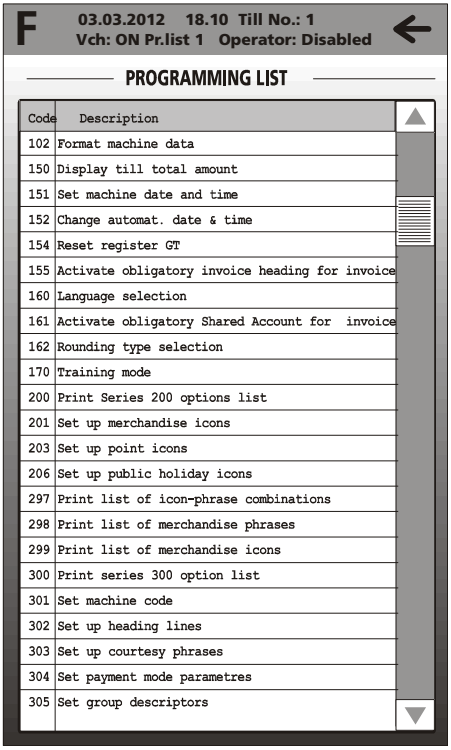
ERROR MESSAGES

The error messages listed here are those that appear most frequently when using Programming mode.

MESSAGE	MEANING
EXCEEDED CAPACITY	The values set exceed the number of figures allowed.
OVER MAX. LIM.	The value set is not included among the permitted values.
SEQUENCE ERROR	The key pressed is not allowed.
NOT ALLOWED	The operation requested is not allowed.

PROGRAMMING LIST

With the [**Set List**] key, you can display a list of all the functions available on the register for programming, and the code to use for enabling the function.



Note: The programming functions that can be used by the user are listed below.

This section indicates the procedures and codes to be used for configuring the cash register.

SET	*Programming Type*
102	Format machine data
150	Display till total amount
151	Set machine date and time
152	Change automat. date & time
154	Reset register GT
155	Activate obligatory invoice heading for invoice
160	Language selection
162	Rounding type selection
170	Training mode
200	Print Series 200 options list
201	Set up merchandise icons
203	Set up point icons
206	Set up public holiday icons
297	Print list of icon-phrase combinations
298	Print list of merchandise phrases
299	Print list of merchandise icons
300	Print Series 300 option list
301	Set machine code
302	Set up heading lines
303	Set up courtesy phrases
304	Set payment mode parameters
305	Set group descriptors
306	Enable obligatory execution of daily report
307	Set up discount table
308	Set rates VAT
309	Set percent markup parameters
310	Set money order descriptor
311	Set HALO value for change
314	Print machine configuration
315	X mode automatic report management
316	Z mode automatic report management
318	Enable oblig. calculation of change
320	Select courtesy message type
321	Enable zero price
322	Select machine font
324	Select VAT details

SET	*Programming Type*
328	Select rapid update mode
329	Enable single item sales
338	Set header lines for invoice
339	Set Simplified Invoice parameters
340	Set WEEE generic message descriptors
341	Set WEEE message value descriptors
342	Set proforma receipt message
345	Save database data and def. settings
346	Restore database data and def. settings
347	Reset BCR PLU data
348	Save database data, def. settings and formatting
349	Restore database data, def. settings and formatting
350	Backup user data
351	Restore user data
352	Select ADD MODE type
355	Enable cutter
356	Enable acoustic warning for barcode reader
358	Enable report saving on EJ
359	Enable BCR printing
360	Enable password management
361	Set SUPERVISOR password
362	Set cashier password
363	Select no. tickets on EJ to print
364	Select type and thrshld. value for EJ end
365	Save all tickets on EJ
366	Enable multiple tickets
367	Enable printing of articles sold
368	Enable till total display
370	Enable operators
371	Enable customer accounts
372	Set offer values
375	Print TICKET information
380	Wait for display switch-off
389	Enable chipcard management
390	Print Series 390 options list
391	Chipcard formatting management
392	Chipcard programming information
393	Chipcard deletion
394	Chipcard duplication
395	Chipcard code management

SET	*Programming Type*
396	Dealer chipcard code management
397	Wallet chipcard code management
398	Chipcard pnts management
400	Print Series 400 options list
401	Set information for each department
451	Print information of all EJ used by machine
452	Print ticket selected by number
453	Print tickets of a given date
454	Print tickets comprised between two numbers
455	Print tickets comprised between two dates
458	Full printing of EJ
459	EJ deletion
460	Print current EJ information
461	EJ free space management
510	Print Series 510 options list
600	Print Series 600 options list
601	Set information for each operator
650	Print Series 650 options list
651	Set information for each account
652	Delete customer account information
653	Delete information of more than one accounts
654	Delete all customer accounts
800	Print BCR PLU information read as code
801	Format BCR PLU area
802	Insert new BCR PLU
803	Delete BCR PLU
804	Modify BCR PLU
900	Print Series 900 options list
901	Set serial channel 1 information
902	Loading serial channel 1 device
903	Set serial channel 2 information
904	Loading serial channel 2 default
905	Serial device configure
906	Enable USB connection
919	Enable network services
920	ETH activation parameters
921	Channel 1 ETH settings
922	Channel 2 WLAN settings
923	PPP settings
924	WIFI settings
925	ADSL settings

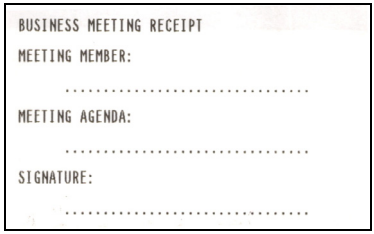
SET	*Programming Type*
926	FTP settings
927	SNMP settings
928	HSDPA settings
929	VPN settings
930	ETH advanced settings
931	Select FW Update mode
932	Select DB update mode
950	Set Slip Printer information
951	Calibrate Slip Printer module

For more detailed information on the functions provided by the SET commands, a Programming manual is provided on the Olivetti site (www.olivetti.com) that provides detailed information on programming the settings.

ABR MANAGEMENT (CUSTOMER-COMPLETED PERSONAL DETAILS)

When issuing an Invoice, pressing the [**Temporary Customer]** key executes an ABR function that allows customer details to be entered for an invoice. These details can be filled in either by the customer or by the operator.
To issue an invoice with **ABR**:

- On completing the sales transactions, press the INVOICE key to display the Customer screen.
- Select [**Temporary customer]** and confirm without entering any data for the fields. The Invoice is printed with the fields left blank for completion by the customer (ABR), immediately below the document reference data but before the sales details.


BUSINESS MEETING RECEIPT
MEETING MEMBER:
.....
MEETING AGENDA:
.....
SIGNATURE:
.....

A blank space is left (indicated by a dashed line) for each of the fields that can be filled by the customer.

To issue an invoice with the details filled in by the operator:

- On completing the sales transactions, press the INVOICE key to display the Customer screen.
- Select [**Temporary customer]** and enter the details for at least one field (data entry for all fields is no longer mandatory). The Invoice is printed with the completed fields appearing immediately below the document reference data but before the sales details.

TRAINING MODE (SET170)

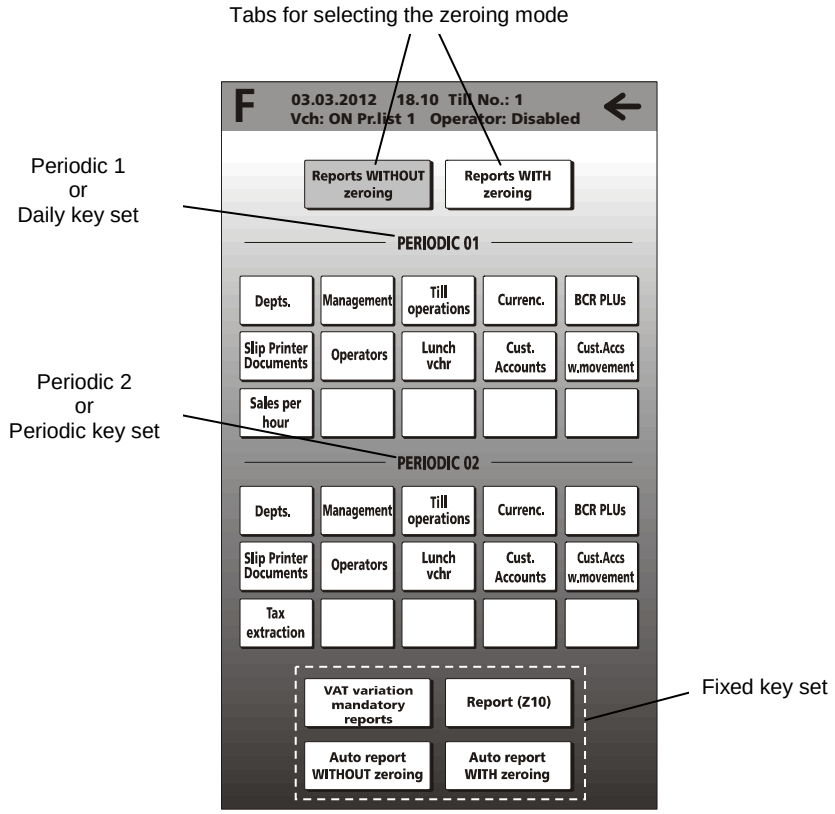
The option SET170 is used to select the Training environment (that can be run at any time, without requiring any particular setup).
In Training mode all normal operations can be performed as during normal use of the cash register.
Sales tickets and invoices are differentiated from those issued during normal operation by the character "#"printed before the "Ticket Number" caption.
Operations performed in Training mode are not saved in the EJ.
On exiting from Training mode, the register is reset with all the values and settings that were in effect before entering Training Mode.
To set up Training mode:
Select the option SET 170 followed by the key [X]
0 followed by [X] = to disable
1 followed by [X] = to enable

PRINTING DAILY AND PERIODIC REPORTS

These functions can be accessed by pressing the [**Reports**] key in the [**F] (Functions) > ECR JOURNAL** environment. From the screen that appears, shown below, you can print a report by selecting it on the touch screen.
Printing of the report starts when the key is pressed.
The report keys are grouped as follows:

- a set of keys for either periodic1 or daily reports (configured using option SET 328)
- a set of keys for either periodic2 or periodic reports (configured using option SET 328)
- a fixed set of keys for printing the most frequently requested types of report

The first two sets of keys can be used to print reports with or without zeroing by selecting the appropriate tab.



Item	Description
Report WITHOUT zeroing / Reports WITH zeroing tab	Selection tabs for printing reports WITH zeroing or WITHOUT ZEROING.
Periodic1 / Daily key set	The following types of report can be printed: Departments, Management, Till operations, Currencies, BCR PLUs, Slip Printer Documents, Operators, Luncheon voucher, Customer account, Customer account movements, Sales per hour. When printing is terminated, depending on which of the two tabs is selected, the related data is either maintained or zeroed.
Periodic2 / Periodic key set	The following types of report can be printed: Departments, Management, Till operations, Currencies, BCR PLUs, Slip Printer Documents, Operators, Luncheon voucher, Customer account, Customer account movements, Tax extraction. When printing is terminated, depending on which of the two tabs is selected, the related data is either maintained or zeroed.
Mandatory reports for VAT variation	Prints the set of reports that must be printed before varying the rates in the VAT table (with zeroing after printing).
Report (Z10)	Prints the daily Z10 report with zeroing.
Automatic report WITHOUT zeroing	Prints all the reports specified using the option SET 315 but without zeroing. For more information, refer to the chapter "SET 315 – X MODE AUTOMATIC REPORT MANAGEMENT".
Automatic report WITH zeroing	Prints all the reports specified using the option SET 316 with zeroing. For more information, refer to the chapter "SET 316 - Z MODE AUTOMATIC REPORT MANAGEMENT".
←	Closes this window and returns to the **Functions** environment.

Note: When you select [**Cust. Accounts**] or [**Operators**] in "**Without zeroing**" mode, a dialogue box appears allowing you to select a range of reports to print by specifying numeric values for the **[from: ….]** and **[to:….]** fields. If no values are entered, all the data stored is printed in the report.

Note: The VAT rate for an item can only be varied after manually printing a series of mandatory reports. These reports can also be printed automatically by pressing the "**Mandatory reports for VAT variation**" key.

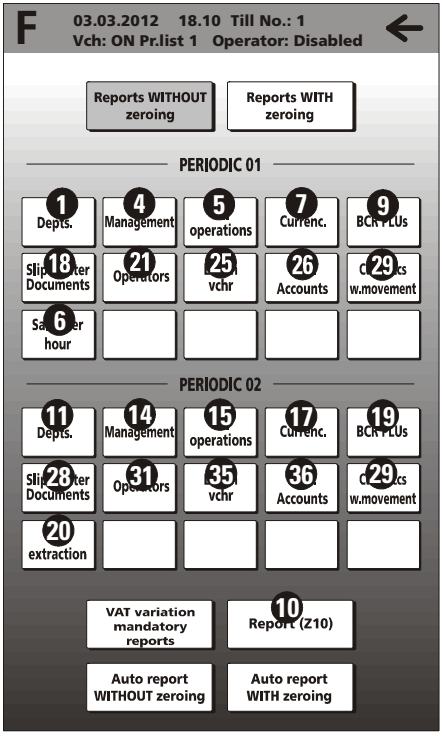
Note: When you select [**Cust. Accounts**] or [**Operators**] in "**With zeroing**" mode, all the data stored is printed in the report.

SET 315 – X MODE AUTOMATIC REPORT MANAGEMENT
SET 316 – Z MODE AUTOMATIC REPORT MANAGEMENT

This function is used to program automatic printing of a number of reports. This means that with a single operation you can print all the reports programmed at the same time.

- **SET 315:** allows you to program sequential printing in X mode of a maximum of 16 reports (daily + periodic).
- **SET 316:** allows you to program sequential printing in Z mode of a maximum of 9 reports (daily only).

The configuration of this function depends on how SET 328 is set. If it is DISABLED (**0**) the function is set for daily/periodic, if it is ENABLED (**1**) the function is set for periodic 1/periodic 2.



The following table indicates the reports that can be printed automatically and their execution codes:

REPORT ***SET 328 = 0*** ***SET 328 = 1***	***Report screen key***	***Execution codes in X MODE (SET315)***		***Execution codes in Z MODE (SET316)***	
		Daily ***Periodic1***	***Periodic*** ***Periodic2***	***Daily*** ***Periodic1***	***Periodic*** ***Periodic2***
Departments	**Depts.**	1	11	1	11
Management	**Management**	4	14	4	14
Till operations	**Till operations**	5	15	5	15
Hourly sales	**Sales per hour**	6		6	
Tax report	**Tax extraction**		20		20
Currencies	**Currencies**	7	17	7	17
Report Z10	**Report (Z10)**	10	10	10	10
Barcode reader-accessed PLUs	**BCR PLUs**	9	19	9	19
Invoices	**Slip Printer Documents**	18	28	18	28
Operators	**Operators**	21	31	21	31
Luncheon voucher	**Lunch vchr**	25	35	25	35
Customer account	**Cust. Accounts**	26	36	26	36
Customer account movements	**Cust. Accs w movements**	29	39		

The following table indicates the ticket header for each report:

Report Printing Screen Key Name	Ticket Header
Depts.	DEPT. REPORT "Z" PERIODIC 1 /PERIODIC 2
Management	MANAGEMENT REPORT "Z" PERIODIC 1/ PERIODIC 2
Till operations	TILL MOVEMENTS "Z" PERIODIC 1 /PERIODIC 2
Sales per hour	HOURLY REPORT "Z" PERIODIC 1
Tax extraction	"Z20" REPORT VAT BREAKDOWN PERIODIC 2
Currencies	CURRENCY REPORT "Z" PERIODIC 1 / PERIODIC 2
Report (Z10)	"Z" REPORT DAILY CLOSURE
BCR PLUs	PLU REPORT "Z" (BARCODES) PERIODIC 1 / PERIODIC 2
Slip Printer Documents	MANAGEMENT REPORT "Z" INVOICE PERIODIC 1 /PERIODIC 2
Operators	STAFF REPORT "Z" PERIODIC 1/ PERIODIC 2
Lunch vchr	LUNCH VOUCHER (NOT PAID) "Z" PERIODIC 1/ PERIODIC 2
Cust. accounts	CUST ACCOUNTS "Z" PERIODIC 1/ PERIODIC 2
Cust. Accs w movements	CUST ACCOUNTS "Z" MOVEMENTS OF DAY PERIODIC 1/ PERIODIC 2

Note: In this table, the "Z" report header is "X" if the report is generated without zeroing.

Operating procedure

1. [3] [1] [5] / [3] [1] [6] [X]

2. [0] [X] To disable printing of the report indicated on the operator display

   [1] [X] To enable printing of the report indicated on the operator display

3. Proceed with the remaining reports

SET 328 - SELECT RAPID UPDATE MODE

This function is used to select how to update the reports.

Operating procedure

[3] [2] [8] [X]

[0] [X] To enable printing of daily/periodic reports.*

[1] [X] To enable printing of periodic1/periodic2 reports.

* Factory setting

VCHR ON/OFF (TICKET ON/OFF)

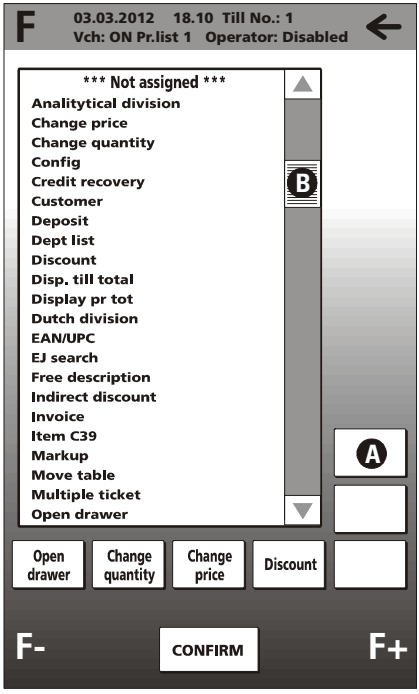
The ticket printing function is enabled on the cash register with the status indicated on the display by the message "**Vch: ON**". A ticket is printed automatically when a sales transaction is terminated by pressing the **TICKET** key.

Ticket printing enabled message

ASSOCIATING A KEY WITH THE VCHR ON/OFF FUNCTION

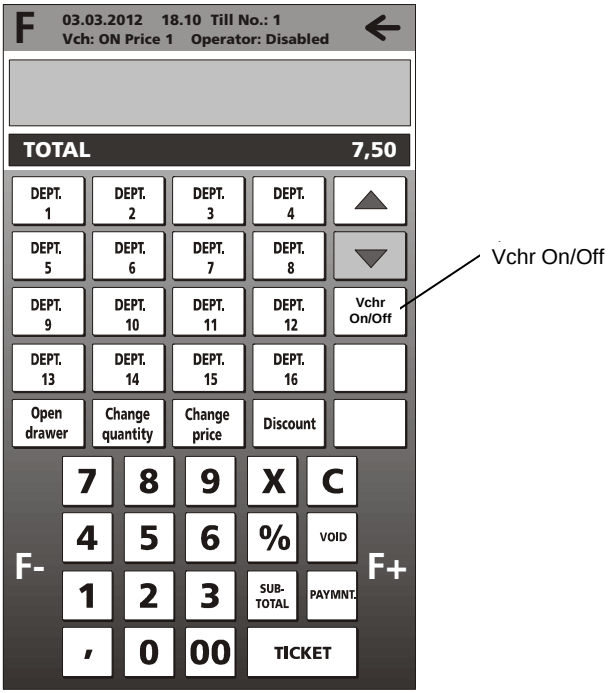
To configure the function that allows you to enable or disable automatic ticket printing, proceed as follows:

1. Select **[F] (Functions) > GENERAL FUNCTIONS > Config > User Interface Configuration> Function key programming**



2. Select the key indicated by (**A**) on the screen then, using scroll bar (**B**), scroll through the list of functions displayed until you find **Vchr On/Off**. Select this function to associate it with the key (**A**) that you selected previously.

3. Select ← to finish key association operations and return to the main sales environment.



4. The new "**Vchr On/Off**" key is now available in the main sales environment.

DISABLING TICKET PRINTING

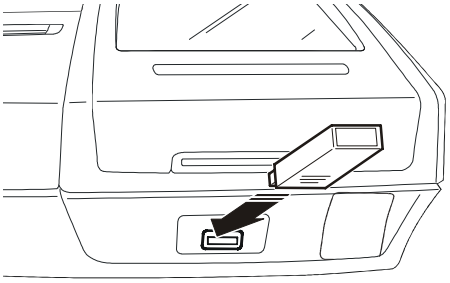
To disable the automatic ticket printing function, press the Vchr On/Off key that appears in the main sales screen.
The status of the function is changed and indicated on the display by the message Vch: OFF.
In this mode, all transactions executed in sales mode are displayed but not printed.
On closing the ticket, the Total is displayed and the drawer opened but no ticket is printed.
Ticket printing cannot be enabled/disabled when a ticket is open.

Note: if the ticket printing function is disabled (Vch: OFF) and you access the cash register configuration setup (Config), the ticket printing function returns automatically to its default setup (Vch: ON).

Note: if a sales transaction is performed with the ticket printing function disabled (Vch: OFF), after closing a sale with the TICKET key it is still possible to print the ticket of the last transaction by pressing the TICKET key again.

9. SAVING/RESTORING DATA ON USB PEN

Data can be saved and restored using specific SET options allowing the user to conserve the information registered on the cash register. Data is saved on a USB pen that must be inserted into the port at the front of the cash register.



SAVING/RESTORING CASH REGISTER PROGRAMMING

These procedures are performed using the options:

- **SET 345** saves the data related to cash register programming on a USB pen
- **SET 346** restores the data related to cash register programming from a USB pen.

Note: *These procedures are normally used to copy the programming configuration of one cash register to another. No personal or user data is included.*

SAVING/RESTORING USER CONFIGURATION (DATABASE) OF CASH REGISTER

These procedures are performed using the options:

- **SET 348** saves the cash register data related to user configuration onto a USB pen
- **SET 349** restores the cash register data related to user configuration from a USB pen.

Note: *These options are normally used to save/restore the database containing the personal data of the user.*

SAVING/RESTORING THE CASH REGISTER

These procedures are performed using the options:

- **SET 350** makes a security (backup) copy of the cash register on a USB pen
- **SET 351** restores the backup copy of the cash register from a USB pen.

Note: *This option is used to make a backup copy of the cash register, and all the data it contains.*

WARNINGS: If the restore options CODE 346 and CODE 347 are executed, on termination a ticket is printed automatically notifying that the data has been read from the pen. The ticket is also saved in the EJ.

If when powered on the cash register has lost the user settings, it automatically executes a search for a copy of the data in the internal memory, and restores it. During this operation, the message "INIT. APPLICAT." is shown on the display. When the restore operation terminates, the cash register is ready for use again.

Management data is not restored. Data shown in the Management reports will refer only and exclusively to operations executed after the restore operation.

SAVING THE CASH REGISTER PROGRAMMING – CODE 345

Code **345** can be used to save the following types of data on the pen: all cash register programming data (configuration setup), the database descriptive part, accounting data used by the cash register for generating Management reports.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try to save the data without first inserting the pen, an error is displayed: "STICK NOT INSERTED".

2. Select configuration **(CONFIG)** mode for the register**.**

3. 3 4 5 X On the display the message appears: "345-WRITING DATA/WAIT" and writing of the data starts.

a. If the data is written successfully, the message is displayed: "WRITING EXECUTED/REMOVE STICK"

b. If during writing errors are encountered, a warning is displayed: "ERROR WRITING/REMOVE STICK".

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services.

4. Remove the pen. The machine automatically enters SET (configuration) mode when the pen is removed.

Checking the data saved

Insert the USB pen into a USB port on the computer to check the data saved, and that the following files are present in the "presetting_files" folder:

- Datapresetfile.csv: saves the current date
- DBxxxxxDesc.csv: DB descriptive part
- DBxxxxxField.csv: DB periodic 1 and periodic 2
- DBxxxxxStruct.txt: DB formatting string in binary format
- DescriptorsPresetFile: Descriptor-type variables (presetting)
- FlagsPresetFile: Flag-type variables (presetting)
- KbdFile: Keypad programming
- NumbersPresetFile: Number-type variables (presetting)
- PermissionLevelFile: Permission levels associated with keypad functions
- RegistersPresetFile: Register-type variables (presetting)
- presetting: the presence of this empty file (size 0) confirms that the files have been saved)
- ASNTfile: these are two files named asntdescriptorspresetfile.csv and asntnumberspresetfile.csv
- LOGOfile: infodescxxxx.txt and logofile.txt.

xxxxx represents the name of each single database. For each type of database, three files are present in the folder.

The files present on the pen, organised as described above (DBxxxxxDesc.csv, DBxxxxxField.csv, DBxxxxxStruct.txt) have the following structure:

File name	Description
Department	Department database
DiscountMarkUp	Discount and markup tables
Group	Merchandise groups
Hourly	Hourly sales
InternalClientAccount	Customer accounts
InternalPlu	PLUs accessed by number (1-250)
Operator	Operators
OperatorPayment	Payment types related to the operators
Payment	Payment types
Plu	PLUs accessbile using barcode reader
Promotions	Sales offers
Vat (Invoice, Ticket with information of type Desc and Field, and a unique file for the Struct type.)	VAT table (VAT for invoices, VAT for tickets).

Note: if the files present on the pen do not correspond with those described in the table, or if the space they occupy is 0 bytes, try repeating the procedure on another USB pen making sure first that it is functional and correctly inserted.

RESTORING THE CASH REGISTER PROGRAMMING – CODE 346

The SET 346 option restores the following types of information to the cash register:

- descriptive part (all data saved by the user excluding accounting data) of all the databases present on the cash register
- all the cash register presetting parameters, excluding logos.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try restoring the data without first inserting the pen, an error is displayed: "STICK NOT INSERTED".

Note: Before proceeding you may have to print the management reports indicated by the cash register. You will not be allowed to proceed with the restore operation until you print them.

2. Select SET mode for the register.

3. [3] [4] [6] [X] On the display the message appears:
"DESTRUCTIVE OPER. PROCEED?"

Press the [X] key to continue.

You are asked if you want to format or not:

"FORMATS ENABLED: 1, DISABLED: 0.

If you choose 1 the data in the cash register is deleted, if you choose 0 the data is maintained.

At the end, a message is shown on the screen:
"346-READING DATA/WAIT" and reading of the data starts.

a. If the data on the pen is read successfully, the message is displayed: "READ EXECUTED/REMOVE STICK"
b. If, however, errors have occurred during reading, the warning appears "READ ERROR/REMOVE STICK".

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services.

4. The procedure has completed. The register prints a ticket (ECR CONFIGURATION) that shows the current configuration of the cash register. The ticket is saved in the EJ.

5. Remove the pen. When the USB pen is removed, the machine automatically enters SET mode.

SAVING THE USER CONFIGURATION (DATABASE) OF THE CASH REGISTER – CODE 348

Code 348 saves the user configuration (DATABASE) of the cash register.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try to save the data without first inserting the pen, an error is displayed: “STICK NOT INSERTED”.

2. Select SET **(CONFIG)** mode for the register.

3. 3 4 8 X On the display the message appears: “348-WRITING DATA/WAIT” and writing of the data starts.

a. If the data is written to the pen successfully, a message is displayed “WRITING EXECUTED/REMOVE STICK”

b. If, however, errors were encountered during writing, an error is displayed: “WRITE ERROR/REMOVE STICK”.

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services.

Remove the pen.

On removal of the USB pen, the machine automatically enters SET mode.

RESTORING THE USER CONFIGURATION (DATABASE) OF THE CASH REGISTER – CODE 349

Option SET 349 restores the user configuration (DATABASE) of the cash register.

Preliminary Operations

Data archival on the USB pen performed using the option SET 348 saves the data in a file **"<cashregisterid>-database.tar**" archived in the folder [**crf3000\database**]. To be able to restore the data again using the SET 349 command, you must rename the file from **"<cashregisterid>-database.tar**" to **database.tar** using a PC.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try to restore the data without first inserting the pen, an error is displayed: "STICK NOT INSERTED".

Note: Before proceeding, it may be necessary to print the Management reports indicated by the cash register (ACTIVE ACCOUNT). You will not be allowed to proceed with the restore operation until you do so.

2. Select SET mode for the register.

3. [3] [4] [9] [X] On the display the warning appears:
"DESTRUCTIVE OPER. PROCEED?"

Press the [X] key to continue.

You are asked if you want to format or not:

"FORMAT? ENABLED: 1, DISABLED: 0.

If you choose 1, the data in the cash register is deleted, if you choose 0 the data is maintained.

At the end, a message is shown on the screen:
"346-READING DATA/WAIT" and reading of the data starts.

a. If the data on the pen is read successfully, the message is displayed: "READ EXECUTED/REMOVE STICK"

b. If, however, errors have occurred during reading, the warning appears "READ ERROR/REMOVE STICK".

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services.

4. The procedure has completed. The register prints a ticket (ECR CONFIGURATION) that shows the current configuration of the cash register. The ticket is saved in the EJ.

5. Remove the pen. When the USB pen is removed, the machine automatically enters SET mode.

MAKING A SECURITY (BACKUP) COPY OF THE CASH REGISTER ON A USB PEN – CODE 350

Code 350 makes a security, backup, copy of the cash register.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try saving the data without first inserting the pen, an error is displayed: “STICK NOT INSERTED”.

2. Select configuration mode **(CONFIG)** for the register**.**

3. 3 5 0 X On the display the message appears: “350-WRITING DATA/WAIT” and writing of the data starts.

a. If the data is written to the pen successfully, the message is displayed: “WRITING EXECUTED/REMOVE STICK”

b. If, however, errors have occurred during writing, the warning appears: “WRITE ERROR/REMOVE STICK”.

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services.

Remove the pen.

When the USB pen is removed, the machine automatically enters SET mode.

RESTORING A SECURITY (BACKUP) COPY OF CASH REGISTER FROM A USB PEN – CODE 351

Code 351 restores a backup copy of the cash register that was previously saved.

Preliminary Operations

Data archival on the USB pen executed with the option SET 350 is saved in a file **"<daymonthyear-cashregisterid>-backup.tar**" archived in the folder [**crf3000\backup**]. To be able to restore it using the SET 351 command, you must rename it from: **"<daymonthyear >-backup.tar**" to **backup.tar** using a PC.

Note: More than one backup copy could be present. Choose the most appropriate one using as a reference the archival date.

Operating Procedure

1. Insert the USB pen into the cash register.

Note: If you try to restore the data without first inserting the pen, an error is displayed: "STICK NOT INSERTED".

Note: Before proceeding, you may be required to print the Management reports indicated by the cash register (ACTIVE ACCOUNT). You will not be allowed to proceed with the restore operation until you do so.

2. Select SET mode for the register.

3. [3] [5] [1] [X] On the display the message appears:
"DESTRUCTIVE OPER. PROCEED?".
Press the [X] key to continue.
On the display you are asked if you want to format or not:
"FORMATS ENABLED: 1, DISABLED: 0.
If you choose 1 the data in the cash register is deleted, if you choose 0 the data is maintained
At the end, a message is shown on the display:
"346-READING DATA/WAIT" and reading of the data starts.
a. If the data on the pen is read successfully, the message is displayed: "READ EXECUTED/REMOVE STICK"
b. If, however, errors have occurred during reading, the warning appears "READ ERROR/REMOVE STICK".

Note: Try repeating the procedure, making sure that the pen is inserted correctly. If the error re-occurs, contact Technical Services

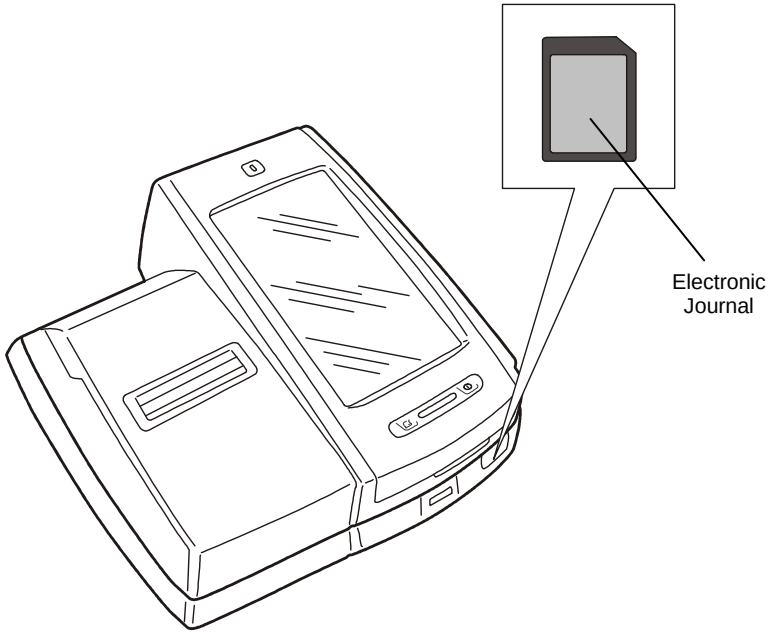
4. The procedure has completed. The register prints a ticket (ECR CONFIGURATION) that shows the current configuration of the cash register. The ticket is saved in the EJ.

5. Remove the pen. When the USB pen is removed, the machine automatically enters SET mode.

10. THE ELECTRONIC JOURNAL

The Electronic Journal is an SD-type memory card housed in a special bay inside the cash register, as shown in the figure.

The electronic journal stores information related to sales operations and daily closure data.



For the cash register to be operational, the memory card must be inserted inside. It is not operational if this device: *is not inserted, not recognised or not initialised.*

INITIALISING THE ELECTRONIC JOURNAL

Before the electronic journal (EJ) can be used, it must first be initialised.

1. When the cash register is powered on after inserting a new (or deleted) EJ, it executes automatically an initialisation procedure, displaying the message below on the touch screen:

JOURNAL NOT INIT'D.
OK

2. Select **OK** on the touch screen to start the procedure.

3. Select **OK** in the next screens that appear on the touch screen until the following message is displayed:

JOURNAL NOT INIT.
INIT. CONCLUDED
OK

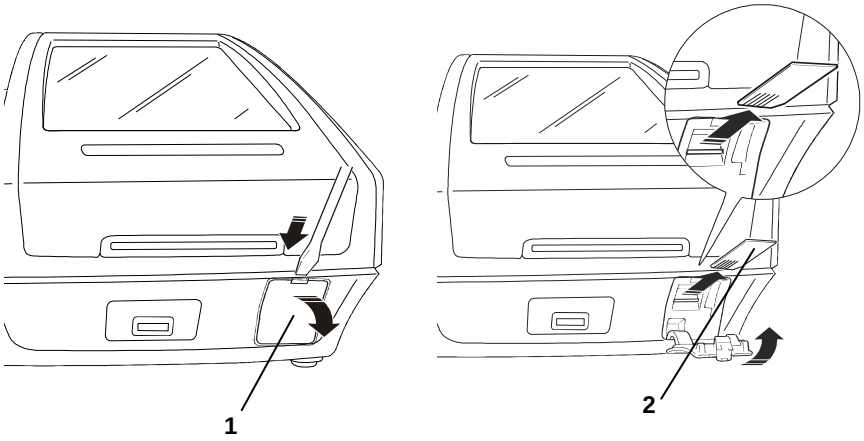
4. Select **OK** to end the initialisation procedure.

Note: if any error messages appear on the touch screen during the initialisation procedure, consult the "Troubleshooting" manual for more information.

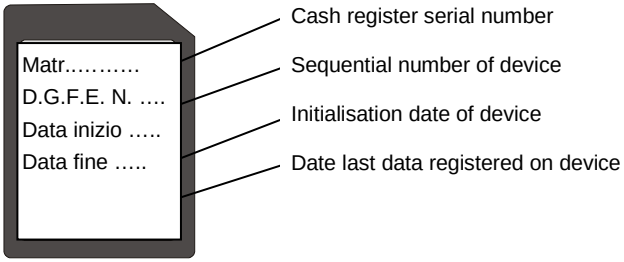
EJ LABEL

To make archival of the EJ memory cards easier, a label is provided that the user can fill in with the related data.
To enter the data, proceed as follows:

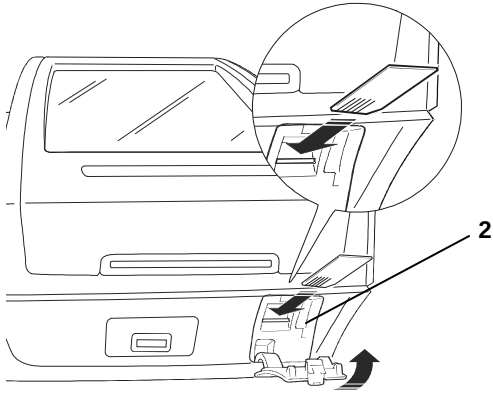
1. Power off the cash register and disconnect it from the 220V electrical supply. Wait for approximately 20 seconds.
2. Open the hatch (1) and push the card inwards to eject it (2).



3. Fill in the label with the related data.



4. Insert the SD card into the slot (2) so that it clicks into place. Close the hatch.



5. Insert the power plug into the 220V electrical socket, and power on the cash register using the On/Off key.

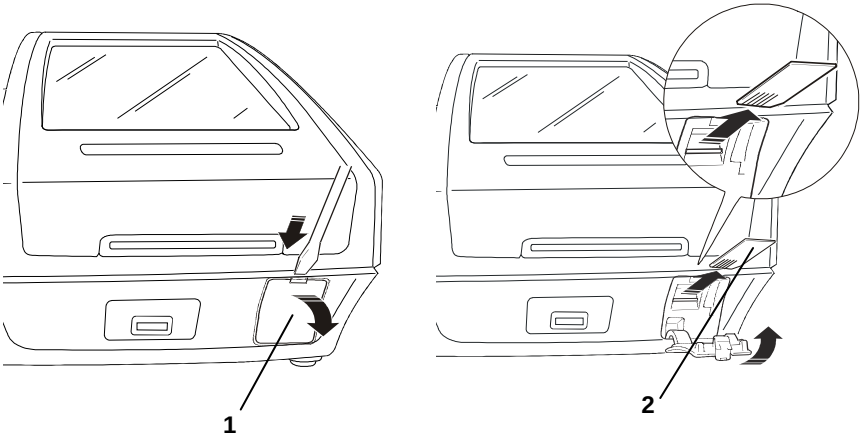
REPLACING THE EJ

When the EJ is full, the cash register sends the user a notification message. The user must see to replacing the card with a new one, and archiving the old card.
To replace the card, proceed as follows:

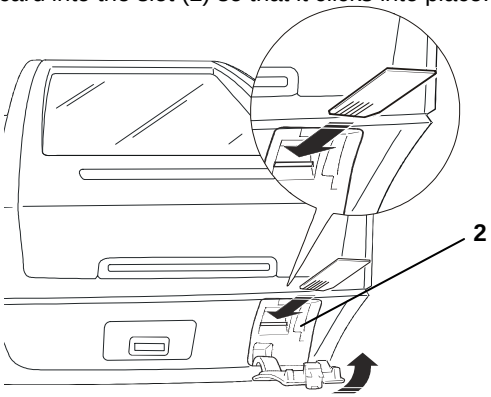
1. Power off the cash register and disconnect it from the 220V electrical socket. Wait for about 20 seconds.

WARNING: SD memory cards commonly found on the market cannot be used in the cash register, but only cards supplied specifically by Olivetti Authorised Centres.

2. Open the hatch (1) and push the card inwards to eject it (2).



3. Insert the new EJ card into the slot (2) so that it clicks into place. Close the hatch.



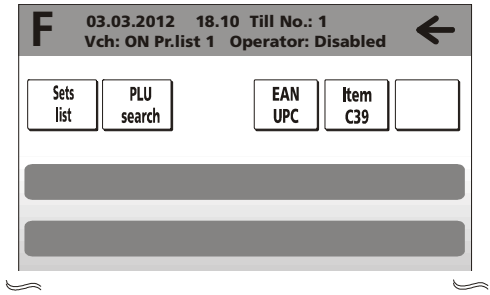
4. Insert the power plug into the 220V electrical socket and power on the cash register using the On/Off key. Follow the instructions given in the chapter “Initialising the Electronic Journal”).

PRINTING THE EJ INFORMATION - CODE 460

This function can be used to print the EJ identification data.

To print the information, proceed as follows:

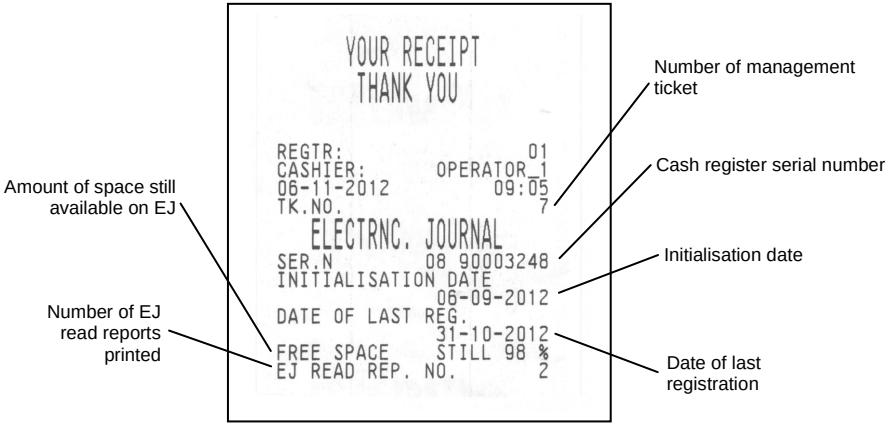
1. Press [**Config**] in the **[F] (Function) > GENERAL FUNCTION** environment > **[Set setup] :**
   The following screen appears:



2. Using the numeric keypad, enter the code [4] [6] [0] followed by [X].

3. The message "**PRINT EJ INFO. CONFIRM?**" is displayed on the touch screen.

4. Press the [X] key to start the printing.

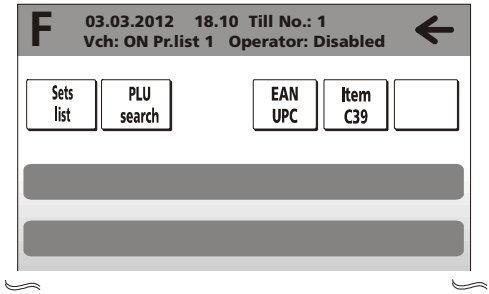


DELETING THE EJ – CODE 459

To be able to reuse an SD-type memory device on which an electronic journal has previously been registered, first of all its contents must be deleted and then the card must be initialised.

In order to start the deletion procedure, ***an SD-type memory device that has already been used must be loaded inside the cash register;*** in this case, proceed as follows:

1. Press [**Config**] in the **[F] (Function) > GENERAL FUNCTION** environment > **[Set setup]** :



2. Using the numeric keypad, enter the code **4** **5** **9** followed by **X**.

3. Start the DELETION procedure by touching the **X**. key on the touch screen.

Warning: executing the delete operation on the SD-type memory device destroys all the data it contains therefore, afterwards, this data will no longer be readable.

Note: Pressing the **Delete** key on the touch screen cancels the DELETION procedure).

4. The message below is displayed on the touch screen.

JOURNAL DELETED
OPEN COVER

5. The memory device has been deleted correctly. Open the door of the bay containing the EJ card. A message is displayed on the screen notifying that the door is open.

6. Close the door again. The cash register restarts automatically.

Note: you may be asked to print (Z10) reports before proceeding with the deletion operation. Print the report and then proceed with the procedure. For more information consult the chapter “Printing Reports”.

7. The cash register automatically starts the EJ initialisation procedure; follow the instructions in the chapter “Initialising the Electronic Journal”).

11. TECHNICAL SPECIFICATIONS

CASE

- Resin casing and cover
- Constraint with metal screw and soft alloy seal

TOUCH SCREEN

- 7” – 16:9 –LED technology– 800x480
- No slope adjustment.

CUSTOMER DISPLAY

- Alphanumeric LCD 16x2 - Backlight Blue Black, White Char
- Integrated in the case – orientation cannot be adjusted

INTERFACES

- 2 x RS 232 serial interfaces
- 1 Ethernet RJ 45 network port
- 4 USB – Master (2.0)
- 1 USB - Slave (2.0)
- 1 RJ12 port for the Olivetti DRW410 drawer

CARD

Front access smartcard reader

INTEGRATED THERMAL PRINTER

- Speed (lines/sec.) 100 mm/sec
- Cutter Automatic and manual
- Paper load Facilitated
- Roll width (mm) 57.5 mm
- Characters/line 24 – 29
- Fonts - Upper/lower case characters
  Normal – Double height
  Normal – boldface
- Service font (used for printing, on 57.5mm roll)
- Paper out and printer cover open sensors

EXTERNAL POWER UNIT

- External power unit: 24 Volt +/- 3%, 3 A.

ELECTRICAL DATA

- Power supply: 100 – 240 Volt , 1,8 A - 50-60 Hz
- Average power absorbed: 8 W

POWER SUPPLY DATA

- Power supply technology

  External power supply: 24 Volt +/- 3%, 3 A

  Furnished by F10722-A model external power unit (included in packaging)

AMBIENT CHARACTERISTICS

- Operating: Temperature da 5 °C a 40 °C
  Humidity from 20% to 85%
- Storage: Temperature from -15 °C to 40 °C
  Humidity from 5% to 90%
- Transport: Temperature from -15 °C to 55 °C
  Humidity from 5% to 90%

DIMENSIONS AND WEIGHT

- Height: 152 mm
- Width: 259 mm
- Depth: 287 mm
- Weight: 2.15 Kg.

A. TICKET, REPORT AND EJ PRINTING EXAMPLES

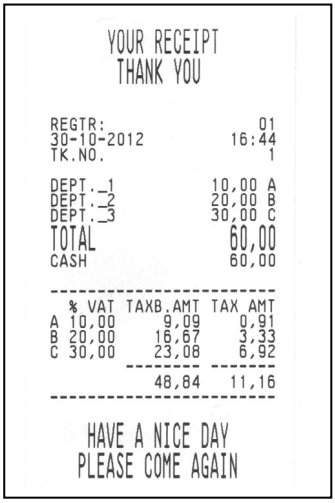
TICKET TYPES

Using the option SET 324 you can select the type of ticket you require.
The options available are:

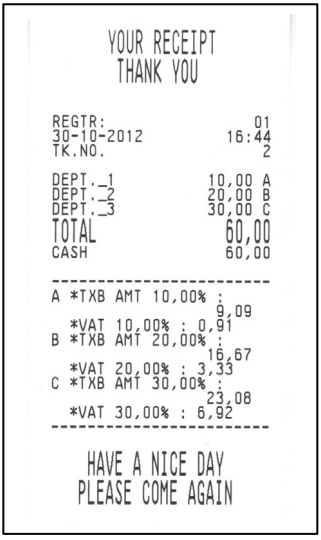
0 (No VAT Info)

1 (VAT INFO)

2 (VAT DETAILS) Default setting



3 (TAXBL. AND VAT DETAILS)



DEPARTMENT REPORT

YOUR RECEIPT
THANK YOU

REGTR: 01
31-10-2012 11:12
TK.NO. 6

DEPT. REPORT "X"
PERIODIC 1

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

001-DEPT._1
LISTING 1 3
30,80
DISCNT 1
1,00
MARKUP 1
1,80

001-SOLD
NET OF DISCOUNTS/MARKUPS 3
44,90% 30,80

002-DEPT._2
LISTING 1 1
10,80
DISCNT 1
1,00
MARKUP 1
1,80

002-SOLD
NET OF DISCOUNTS/MARKUPS 1
15,74% 10,80

003-DEPT._3
LISTING 1 1
27,00
DISCNT 1
3,00

003-SOLD
NET OF DISCOUNTS/MARKUPS 1
39,36% 27,00

00-GROUP NOT HANDLED
100,00% 68,60

DEPARTMENTS TOTAL 68,60

Dept number and descriptor

Number in stock

Number and descriptor of Merchandise group to which Dept 1 belongs

Percentage of total sales attributable to Group 1 and sales total for Group 1

Number of sales for Price list 1 of Dept 1

Sales total for Price list 1 of Dept 1. Discount and markup totals are provided

Number of discounts for Dept 1

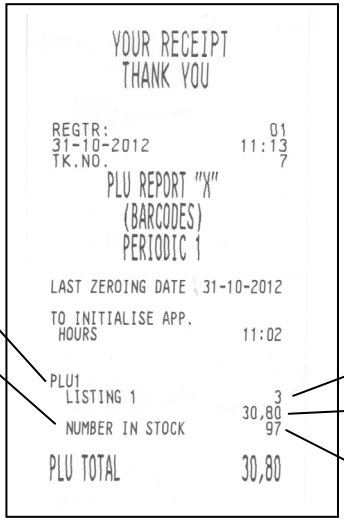
Discount total for Dept 1

Number of markups for Dept 1

Markup total for Dept 1

Sales total for all departments. Discounts and markups already included

PLU REPORT



PLU descriptor

Number of items remaining in stock

Quantity of items sold for PLU_1 in Price List 1

Sales total for PLU_1 in Price List 11

Sales total for all PLUs

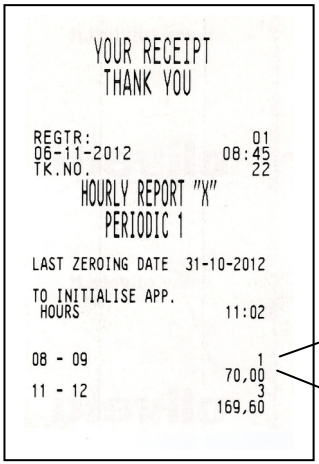
MANAGEMENT REPORT

Sales totals for period broken down by VAT rate. Can be used for tax calculations.

General summary of totals and operations executed

CASH REGISTER MOVEMENTS REPORT

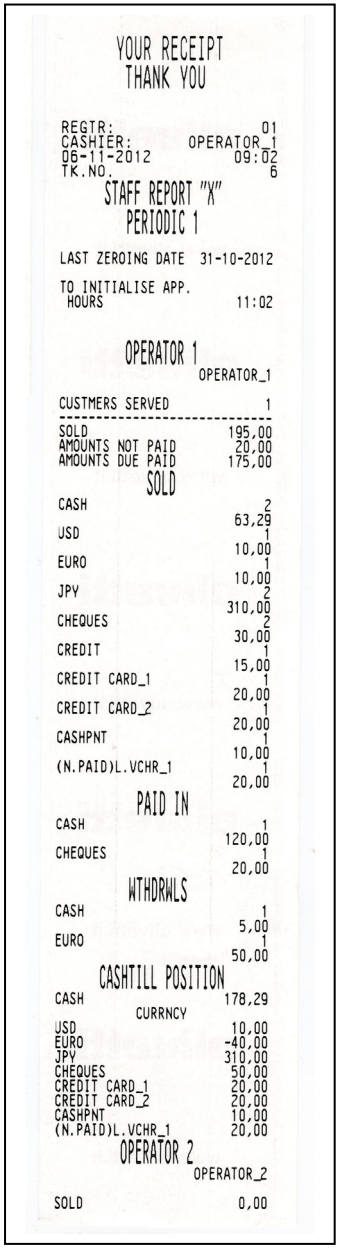
SALES HOURLY REPORT



CURRENCY REPORT

* GBP or Euro

OPERATOR REPORT



YOUR RECEIPT
THANK YOU

REGTR: 01
CASHIER: OPERATOR_1
06-11-2012 09:02
TK.NO. 6

STAFF REPORT "X"
PERIODIC 1

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

OPERATOR 1
OPERATOR_1

CUSTMERS SERVED 1

SOLD 195,00
AMOUNTS NOT PAID 20,00
AMOUNTS DUE PAID 175,00

SOLD

CASH 2
63,29
USD 1
10,00
EURO 1
10,00
JPY 2
310,00
CHEQUES 2
30,00
CREDIT 1
15,00
CREDIT CARD_1 1
20,00
CREDIT CARD_2 1
20,00
CASHPNT 1
10,00
(N.PAID)L.VCHR_1 1
20,00

PAID IN

CASH 1
120,00
CHEQUES 1
20,00

WTHDRWLS

CASH 1
5,00
EURO 1
50,00

CASHTILL POSITION

CASH 178,29

CURRNCY

USD 10,00
EURO -40,00
JPY 310,00
CHEQUES 50,00
CREDIT CARD_1 20,00
CREDIT CARD_2 20,00
CASHPNT 10,00
(N.PAID)L.VCHR_1 20,00

OPERATOR 2
OPERATOR_2

SOLD 0,00

Payment details

Paid in details

Withdrawal details

Cash till position broken down by payment types

Details of operations performed

CUSTOMER ACCOUNT REPORT

YOUR RECEIPT
THANK YOU

REGTR: 01
06-11-2012 08:50
TK.NO. 25

CUST ACCOUNTS "X"
PERIODIC 1

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

JOHN SMITH 1
jervis street
London
VAT N 12345678903

DATE ACCOUNT OPENED
31-10-2012
PURCHASED 2
20,00

DATE LAST OPERATION
06-11-2012
DEBIT 20,00
NOT PAID 0,00
LOAN 90,00

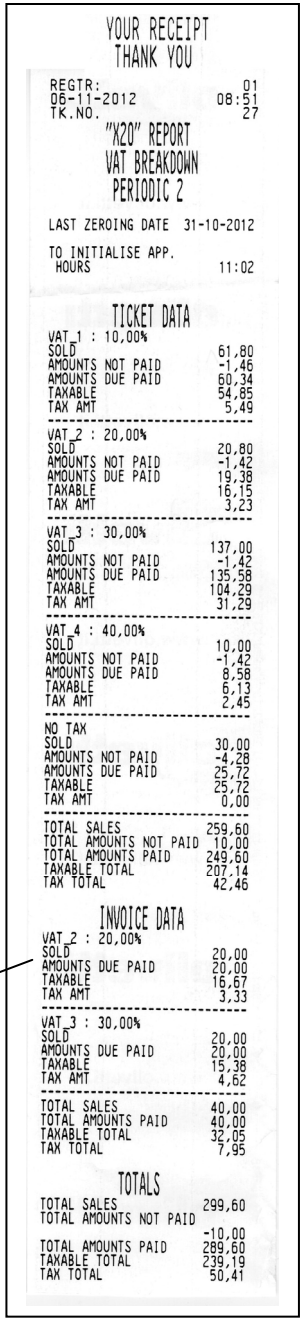
BILL SIMPSON 2
Liverpool
VAT N 12345678903

DATE ACCOUNT OPENED
06-11-2012

CREDIT 0,00
NOT PAID 0,00
LOAN 100,00

DAILY CLOSURE REPORT

TAX EXTRACTION REPORT



YOUR RECEIPT
THANK YOU

REGTR: 01
06-11-2012 08:51
TK.NO. 27

"X20" REPORT
VAT BREAKDOWN
PERIODIC 2

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

TICKET DATA

VAT_1 : 10,00%
SOLD 61,80
AMOUNTS NOT PAID -1,46
AMOUNTS DUE PAID 60,34
TAXABLE 54,85
TAX AMT 5,49

VAT_2 : 20,00%
SOLD 20,80
AMOUNTS NOT PAID -1,42
AMOUNTS DUE PAID 19,38
TAXABLE 16,15
TAX AMT 3,23

VAT_3 : 30,00%
SOLD 137,00
AMOUNTS NOT PAID -1,42
AMOUNTS DUE PAID 135,58
TAXABLE 104,29
TAX AMT 31,29

VAT_4 : 40,00%
SOLD 10,00
AMOUNTS NOT PAID -1,42
AMOUNTS DUE PAID 8,58
TAXABLE 6,13
TAX AMT 2,45

NO TAX
SOLD 30,00
AMOUNTS NOT PAID -4,28
AMOUNTS DUE PAID 25,72
TAXABLE 25,72
TAX AMT 0,00

TOTAL SALES 259,60
TOTAL AMOUNTS NOT PAID 10,00
TOTAL AMOUNTS PAID 249,60
TAXABLE TOTAL 207,14
TAX TOTAL 42,46

INVOICE DATA

VAT_2 : 20,00%
SOLD 20,00
AMOUNTS DUE PAID 20,00
TAXABLE 16,67
TAX AMT 3,33

VAT_3 : 30,00%
SOLD 20,00
AMOUNTS DUE PAID 20,00
TAXABLE 15,38
TAX AMT 4,62

TOTAL SALES 40,00
TOTAL AMOUNTS PAID 40,00
TAXABLE TOTAL 32,05
TAX TOTAL 7,95

TOTALS

TOTAL SALES 299,60
TOTAL AMOUNTS NOT PAID -10,00
TOTAL AMOUNTS PAID 289,60
TAXABLE TOTAL 239,19
TAX TOTAL 50,41

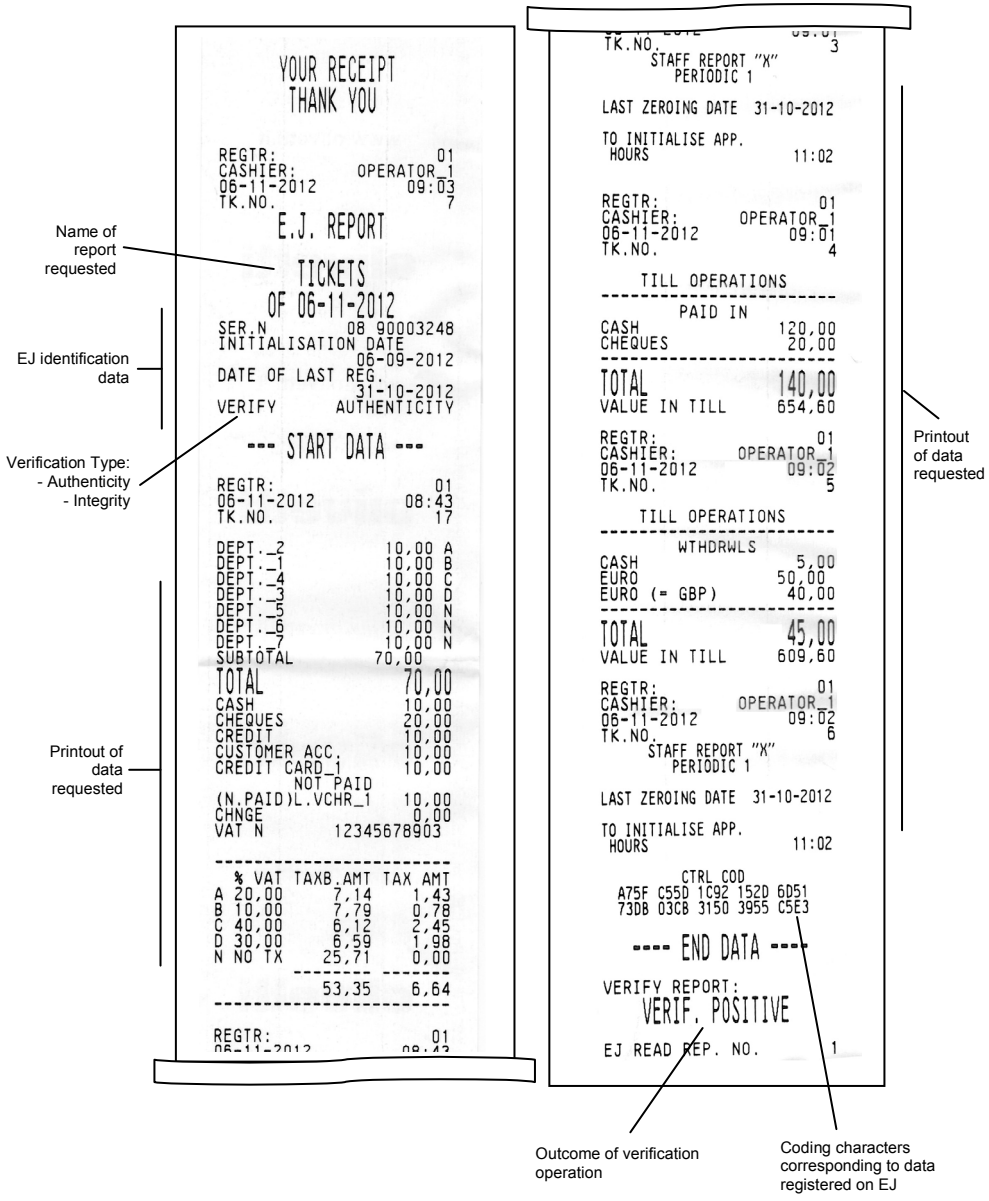
Data relating to tickets issued, broken down by VAT rate

Ticket totals

Data relating to invoices issued, broken down by VAT rate with totals

Grand total (tickets + invoices)

EXAMPLE PRINTOUT FOR ALL TICKETS ISSUED ON 06-11-2012 (CLOSURE NO. 1)



YOUR RECEIPT
THANK YOU

REGTR: 01
CASHIER: OPERATOR_1
06-11-2012 09:03
TK.NO. 7

E.J. REPORT

TICKETS
OF 06-11-2012

SER.N 08 90003248
INITIALISATION DATE
06-09-2012
DATE OF LAST REG.
31-10-2012
VERIFY AUTHENTICITY

--- START DATA ---

REGTR: 01
06-11-2012 08:43
TK.NO. 17

DEPT._2 10,00 A
DEPT._1 10,00 B
DEPT._4 10,00 C
DEPT._3 10,00 D
DEPT._5 10,00 N
DEPT._6 10,00 N
DEPT._7 10,00 N
SUBTOTAL 70,00
TOTAL 70,00
CASH 10,00
CHEQUES 20,00
CREDIT 10,00
CUSTOMER ACC. 10,00
CREDIT CARD_1 10,00
NOT PAID
(N.PAID)L.VCHR_1 10,00
CHNGE 0,00
VAT N 12345678903

	% VAT	TAXB.AMT	TAX AMT
A	20,00	7,14	1,43
B	10,00	7,79	0,78
C	40,00	6,12	2,45
D	30,00	6,59	1,98
N	NO TX	25,71	0,00
		53,35	6,64

REGTR: 01
06-11-2012 08:43
TK.NO. 3

STAFF REPORT "X"
PERIODIC 1

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

REGTR: 01
CASHIER: OPERATOR_1
06-11-2012 09:01
TK.NO. 4

TILL OPERATIONS

PAID IN
CASH 120,00
CHEQUES 20,00
TOTAL 140,00
VALUE IN TILL 654,60

REGTR: 01
CASHIER: OPERATOR_1
06-11-2012 09:02
TK.NO. 5

TILL OPERATIONS

WTHDRWLS
CASH 5,00
EURO 50,00
EURO (= GBP) 40,00
TOTAL 45,00
VALUE IN TILL 609,60

REGTR: 01
CASHIER: OPERATOR_1
06-11-2012 09:02
TK.NO. 6

STAFF REPORT "X"
PERIODIC 1

LAST ZEROING DATE 31-10-2012

TO INITIALISE APP.
HOURS 11:02

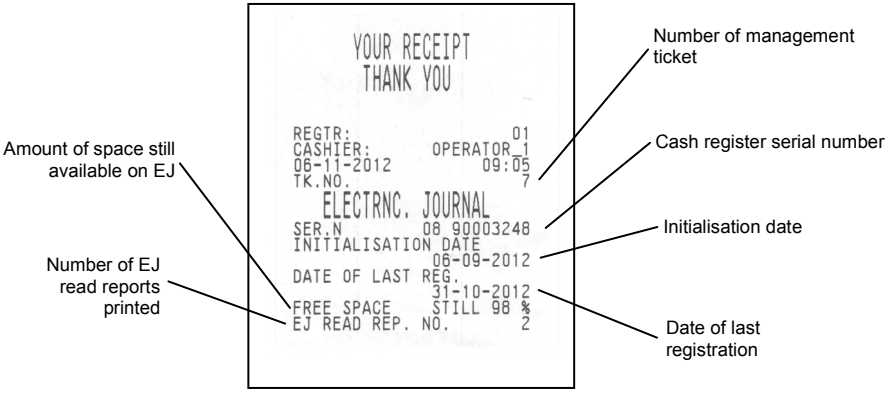
CTRL COD
A75F C55D 1C92 152D 6D51
73DB 03CB 3150 3955 C5E3

---- END DATA ----

VERIFY REPORT:
VERIF. POSITIVE

EJ READ REP. NO. 1

EJ ID DATA PRINTOUT



DIRECTIVE 2002/96/EC ON THE TREATMENT, COLLECTION, RECYCLING AND DISPOSAL OF ELECTRIC AND ELECTRONIC DEVICES AND THEIR COMPONENTS

1. FOR COUNTRIES IN THE EUROPEAN UNION (EU)

The disposal of electric and electronic devices as solid urban waste is strictly prohibited: it must be collected separately. The dumping of these devices at unequipped and unauthorized places may have hazardous effects on health and the environment. Offenders will be subjected to the penalties and measures laid down by the law.

TO DISPOSE OF OUR DEVICES CORRECTLY:

a) Contact the Local Authorities, who will give you the practical information you need and the instructions for handling the waste correctly, for example: location and times of the waste collection centres, etc.

b) When you purchase a new device of ours, give a used device similar to the one purchased to our dealer for disposal.

The crossed dustbin symbol on the device means that:

- When it to be disposed of, the device is to be taken to the equipped waste collection centres and is to be handled separately from urban waste;
- Olivetti guarantees the activation of the treatment, collection, recycling and disposal procedures in accordance with Directive 2002/96/EC (and subsequent amendments).

2. FOR OTHER COUNTRIES (NOT IN THE EU)

The treatment, collection, recycling and disposal of electric and electronic devices will be carried out in accordance with the laws in force in the country in question.

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